

3 Input/output power and amplifier/booster gain

Input/output power and amplifier/booster gain								
Test path	Test frequency f0 (MHz)	Signal level	Input power (dBm)	Output power (dBm)	ERP (W)	ERP limit (W)	Gain (dB)	Verdict
DL	451.2	Pre-AGC	-59	36.33	2.62	5	95.33	PASS
		3dB above AGC	-56	36.57	2.77		/	PASS
UL	454	Pre-AGC	-62	33.19	1.28		95.19	PASS
		3dB above AGC	-59	33.40	1.34		/	PASS

Remark:

- f0 is from Out-of-band Rejection test in the report.
- The manufacturer's rated Output power is 36dBm for DL and 33dBm for UL, and the Output power showed in above table is within ± 1.0 dB tolerance.
- ERP= Output power (dBm)+ antenna gain (dBi)- 2.15dB, the maximum antenna gain is 0dBi declared by the manufacturer.



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4 Emission Masks

Emission Masks					
Test path	Test signal	Test channel	Signal level	Emission mask	Verdict
DL	FM	LCH	Pre-AGC	Mask E	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	DMR	LCH	Pre-AGC	Mask D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	C4FM	LCH	Pre-AGC	Mask D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	H-DQPSK	LCH	Pre-AGC	Mask D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS



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Emission Masks					
Test path	Test signal	Test channel	Signal level	Emission mask	Verdict
DL	TETRA	LCH	Pre-AGC	Mask B	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
UL	FM	LCH	Pre-AGC	Mask E	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	DMR	LCH	Pre-AGC	Mask D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	C4FM	LCH	Pre-AGC	Mask D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS

Emission Masks					
Test path	Test signal	Test channel	Signal level	Emission mask	Verdict
UL	H-DQPSK	LCH	Pre-AGC	MASK D	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS
	TETRA	LCH	Pre-AGC	MASK B	PASS
			3dB above AGC		PASS
		MCH	Pre-AGC		PASS
			3dB above AGC		PASS
		HCH	Pre-AGC		PASS
			3dB above AGC		PASS

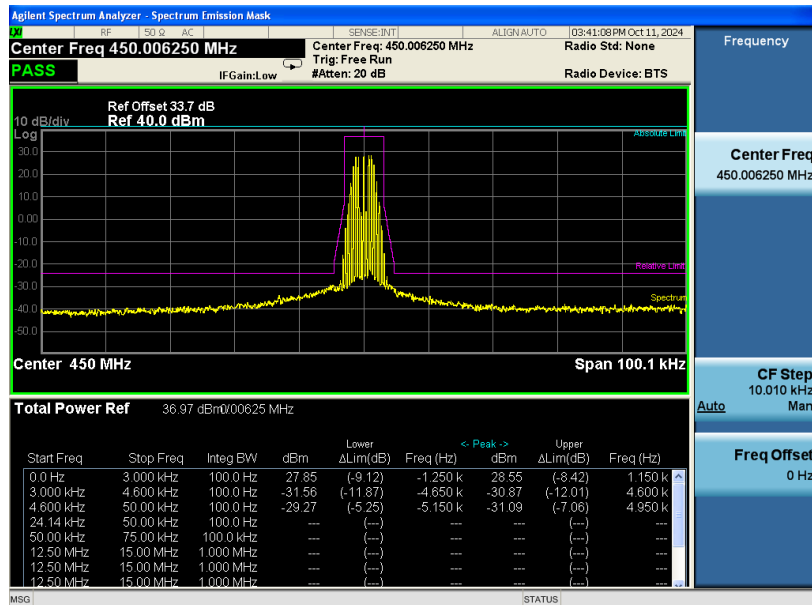


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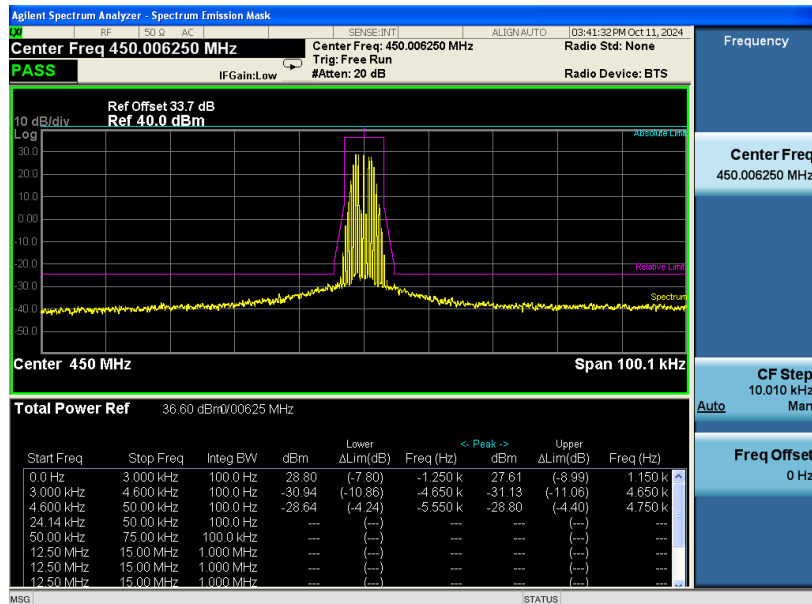
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Emission Masks

DL_FM_LCH_Pre-AGC

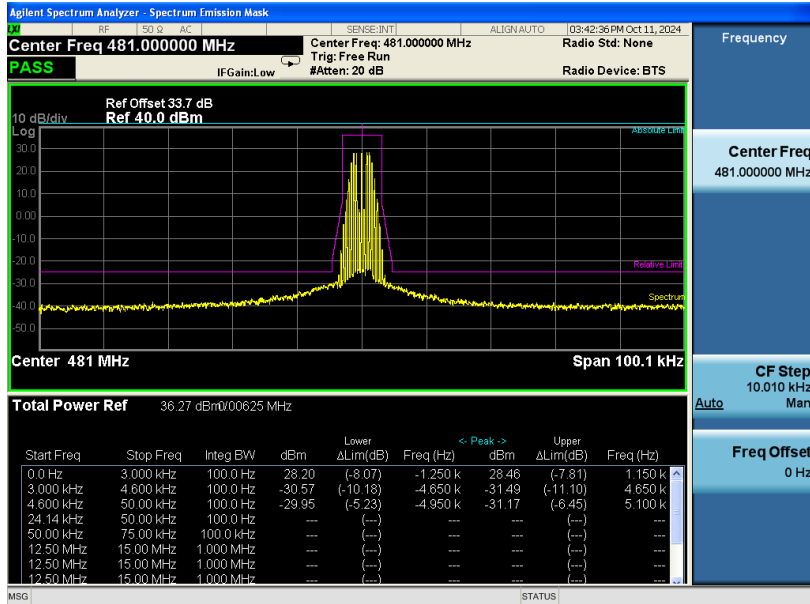


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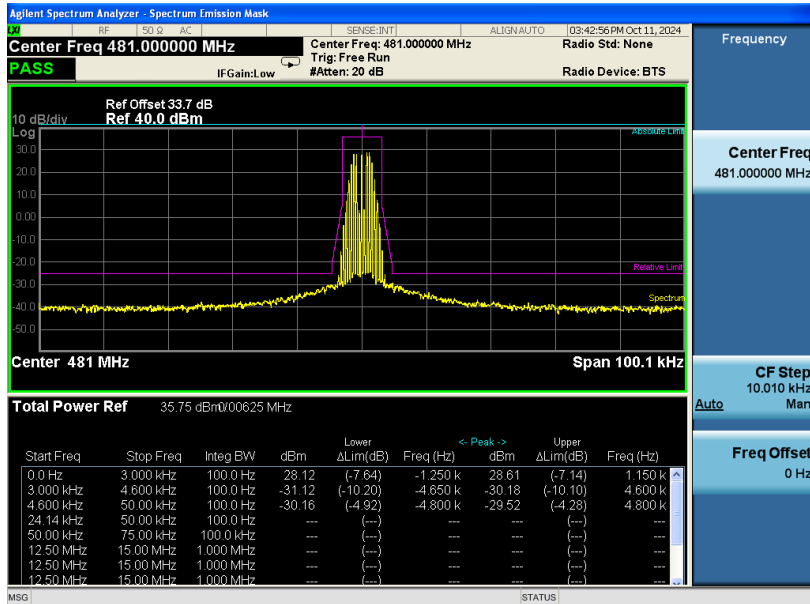


Emission Masks

DL_FM_MCH_Pre-AGC



DL_FM_MCH_3dB above AGC



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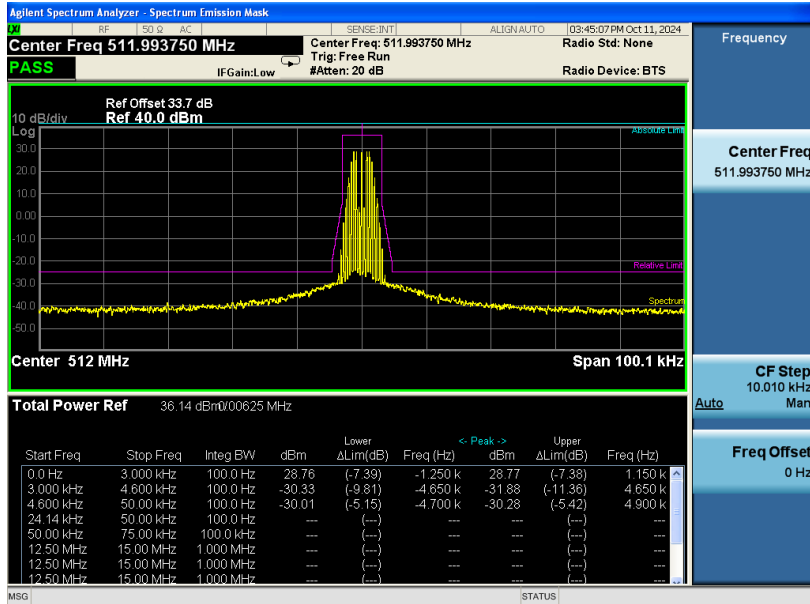
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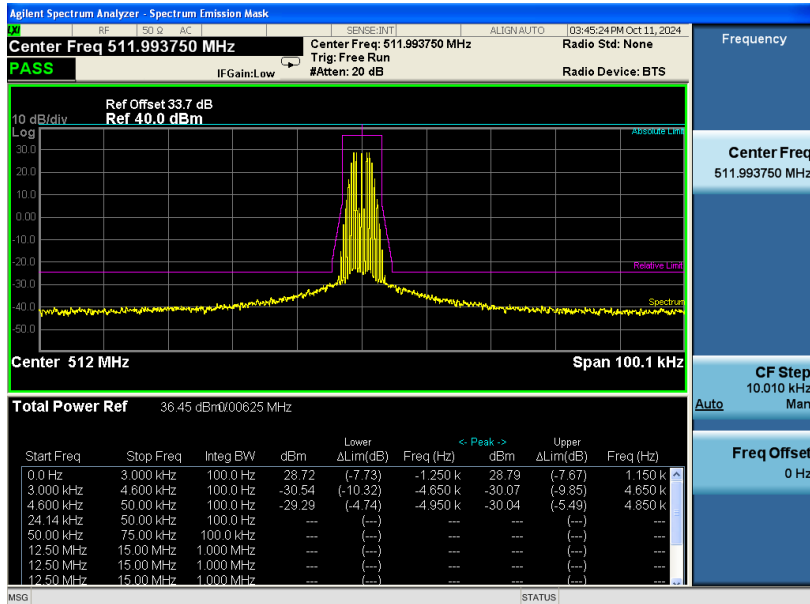
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Emission Masks

DL_FM_HCH_Pre-AGC

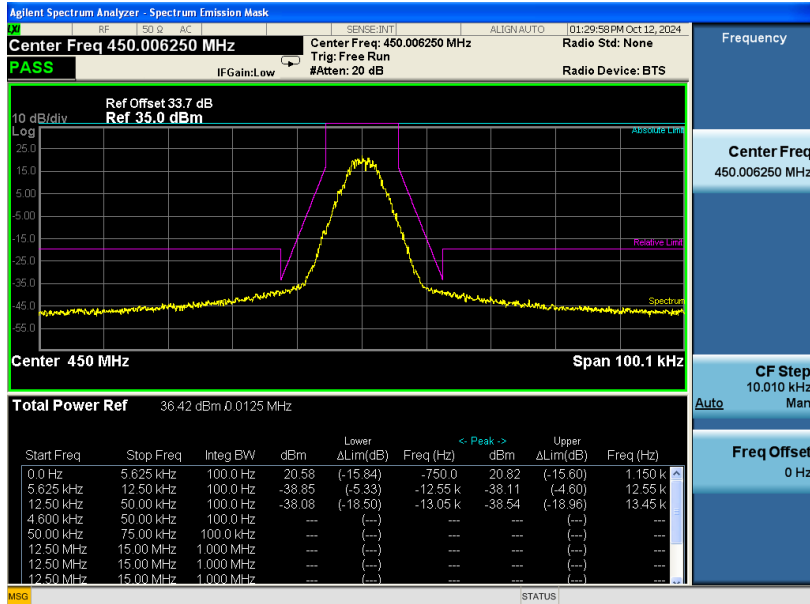


DL_FM_HCH_3dB above AGC

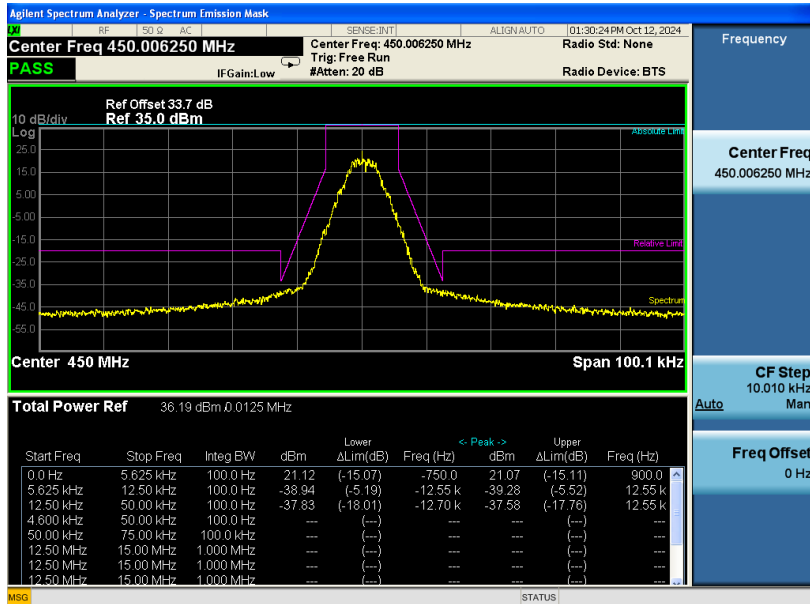


Emission Masks

DL_DMR_LCH_Pre-AGC



DL_DMR_LCH_3dB above AGC

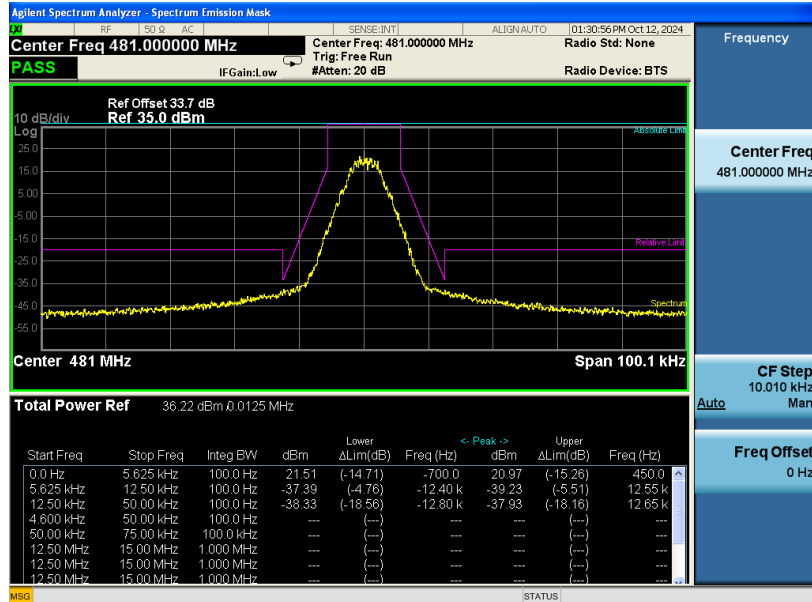


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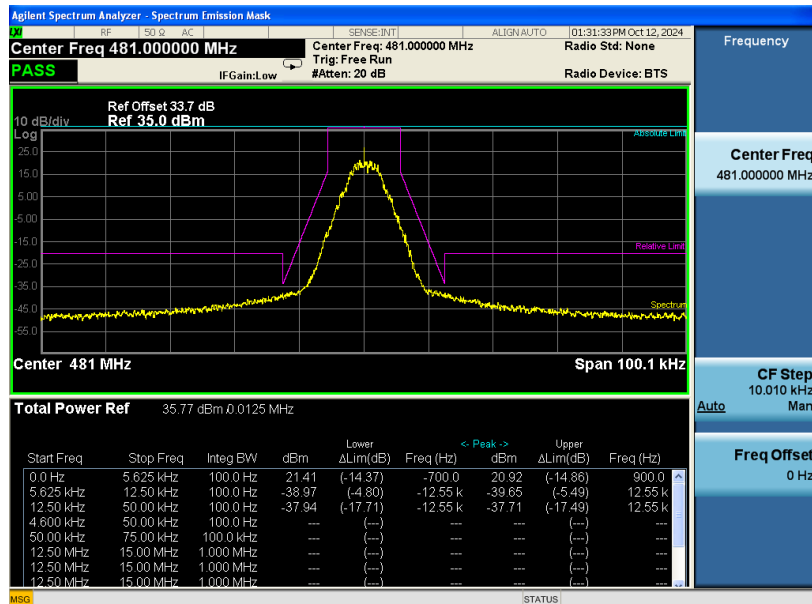
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Emission Masks

DL_DMR_MCH_Pre-AGC

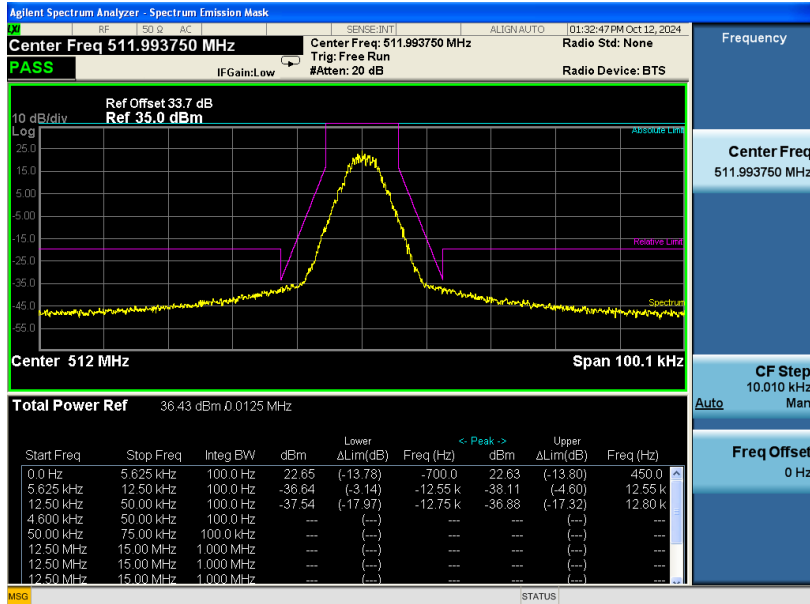


DL_DMR_MCH_3dB above AGC

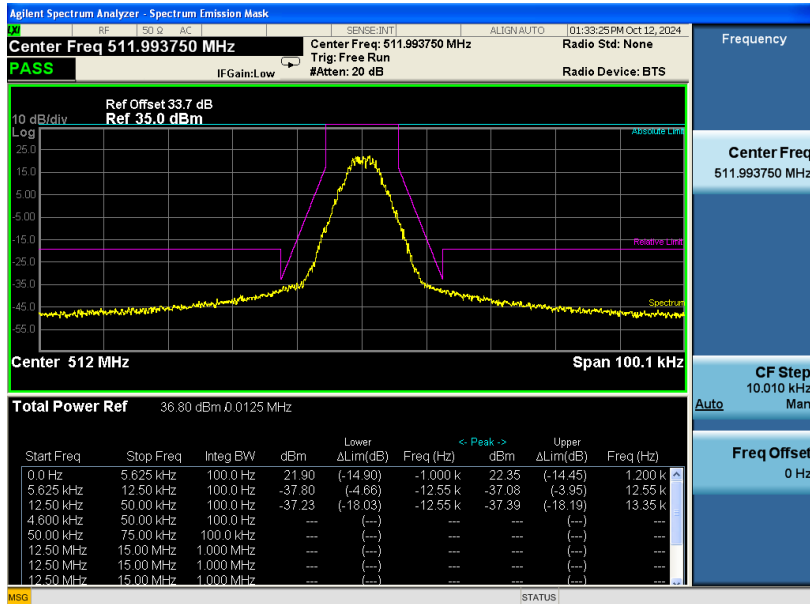


Emission Masks

DL_DMR_HCH_Pre-AGC

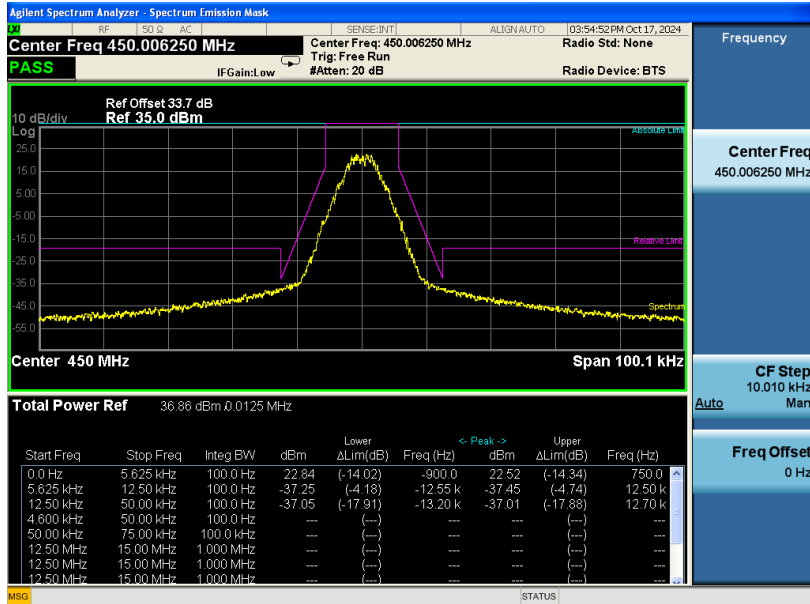


DL_DMR_HCH_3dB above AGC

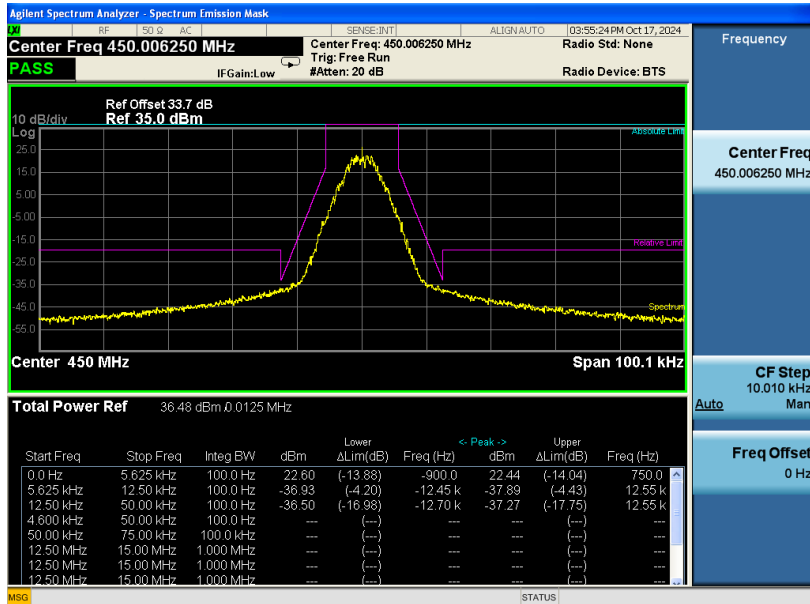


Emission Masks

DL_C4FM_LCH_Pre-AGC



DL_C4FM_LCH_3dB above AGC

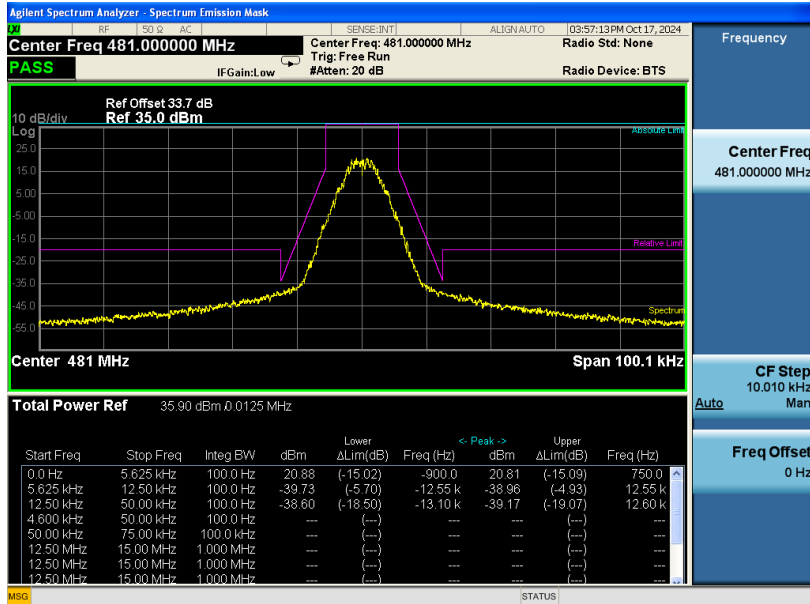


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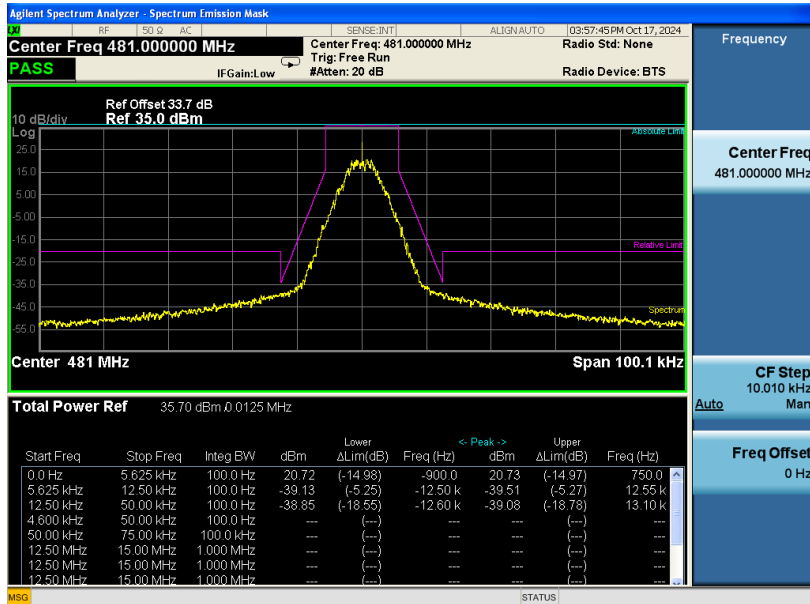
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Emission Masks

DL_C4FM_MCH_Pre-AGC



DL_C4FM_MCH_3dB above AGC

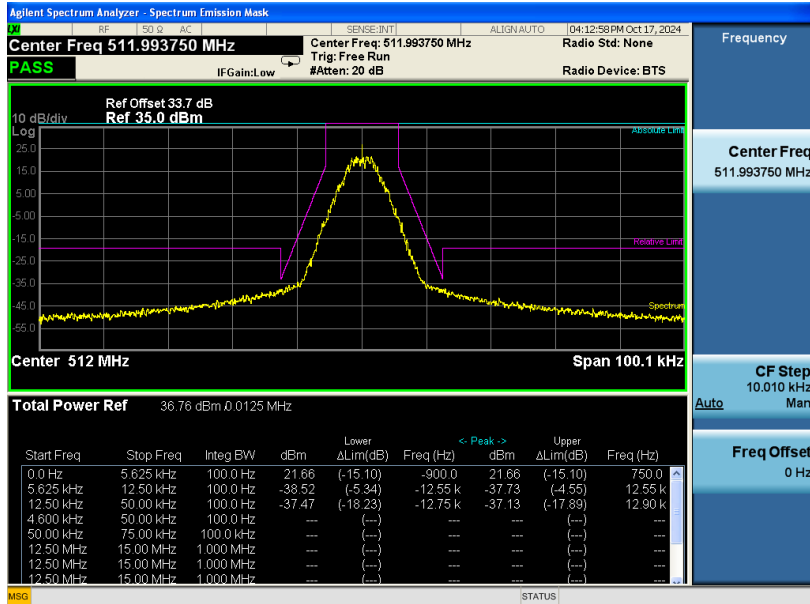


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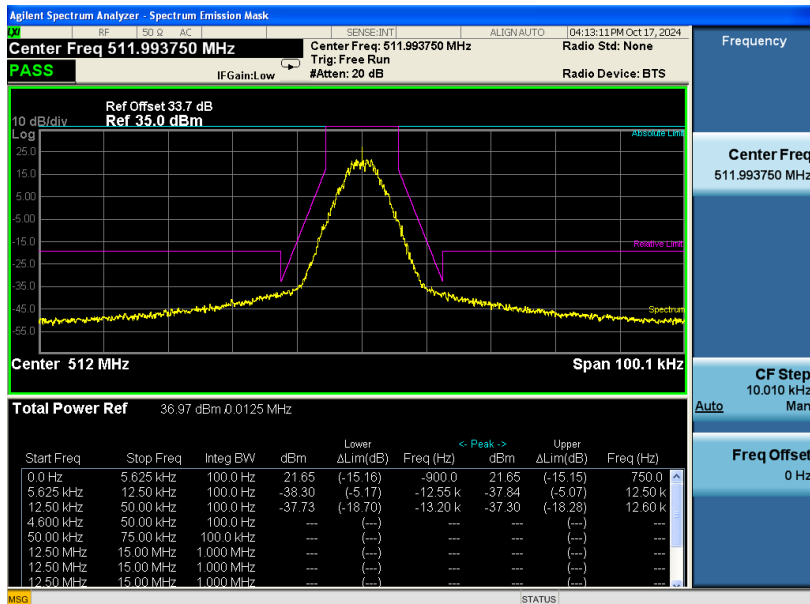
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Emission Masks

DL_C4FM_HCH_Pre-AGC

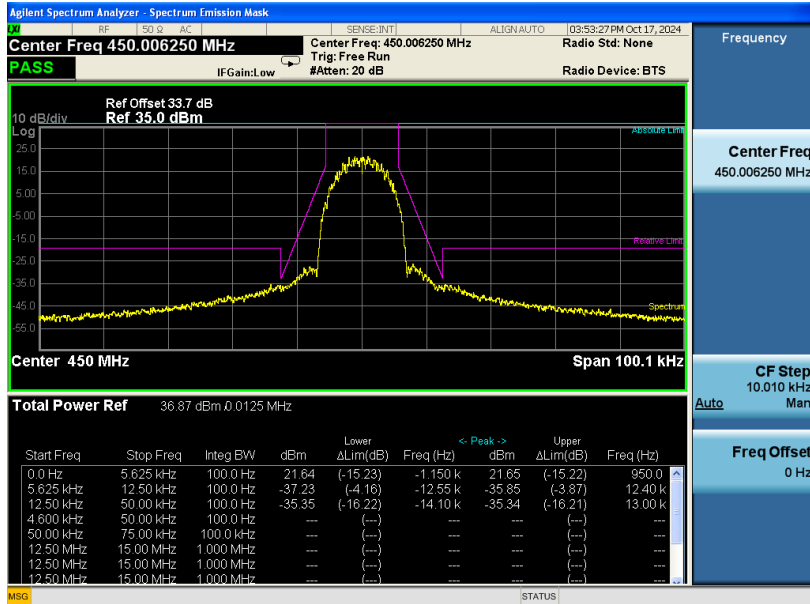


DL_C4FM_HCH_3dB above AGC

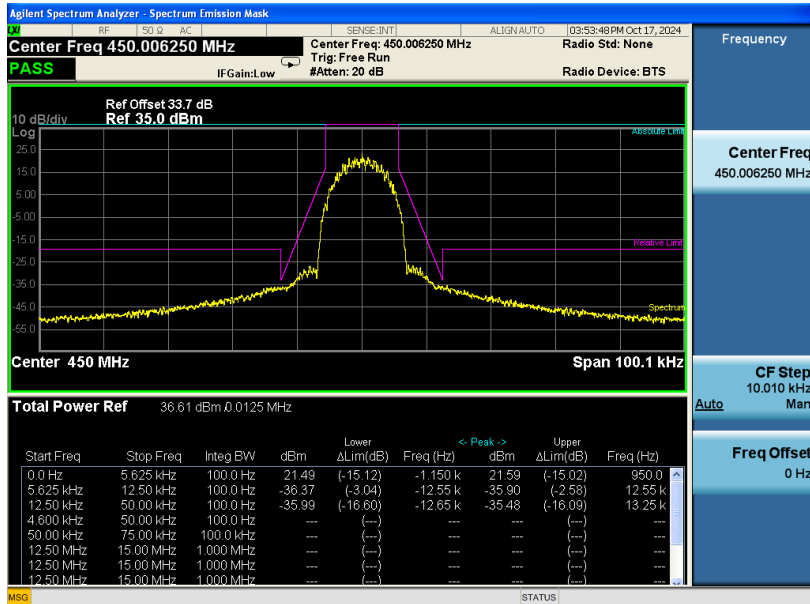


Emission Masks

DL_H-DQPSK_LCH_Pre-AGC

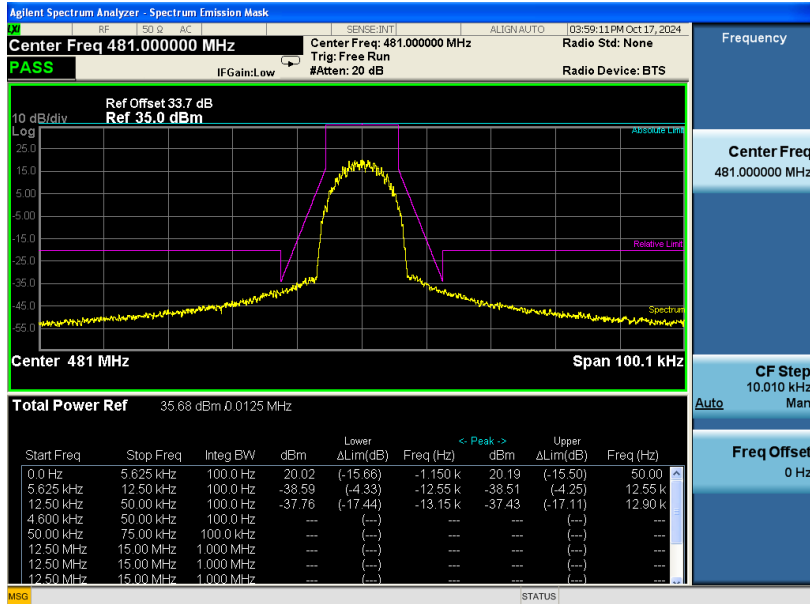


DL_H-DQPSK_LCH_3dB above AGC

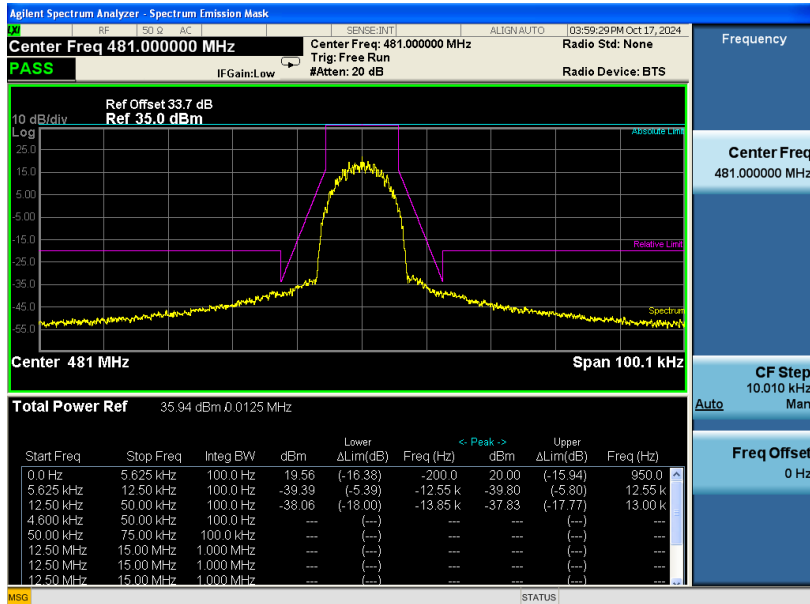


Emission Masks

DL_H-DQPSK_MCH_Pre-AGC

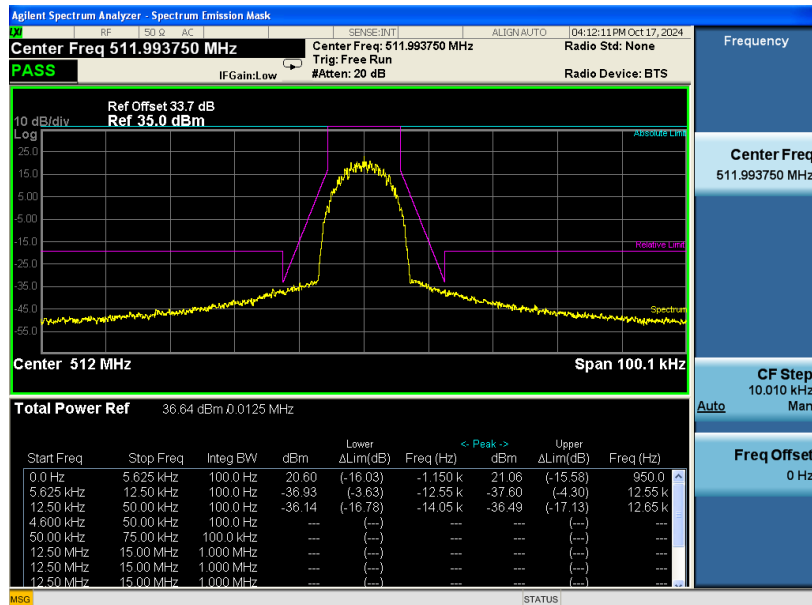


DL_H-DQPSK_MCH_3dB above AGC

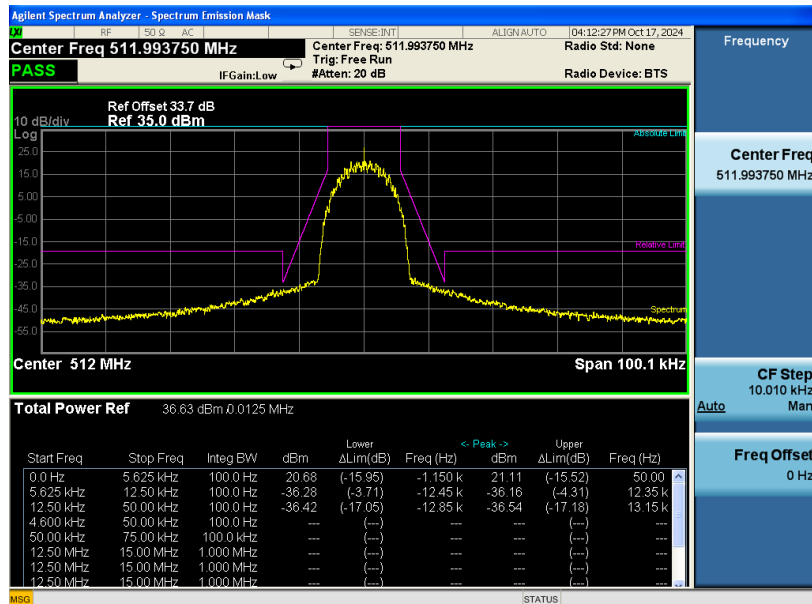


Emission Masks

DL_H-DQPSK_HCH_Pre-AGC

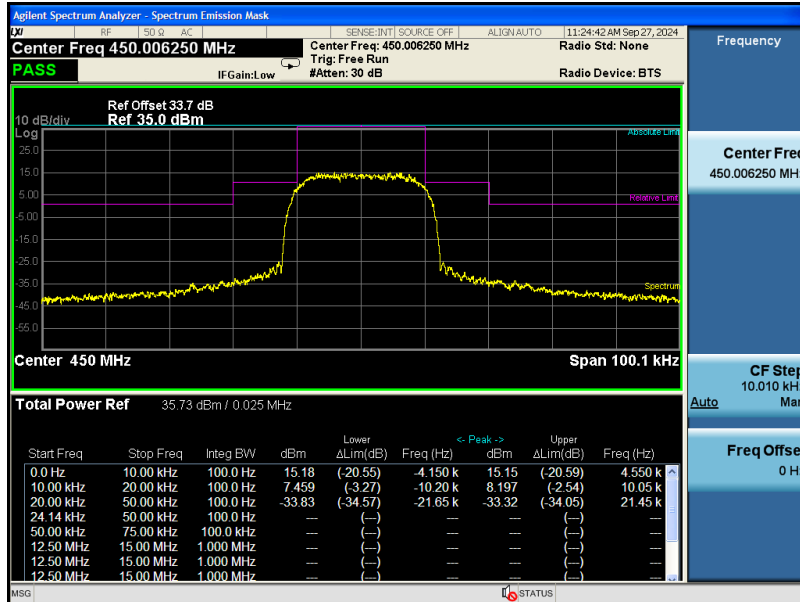


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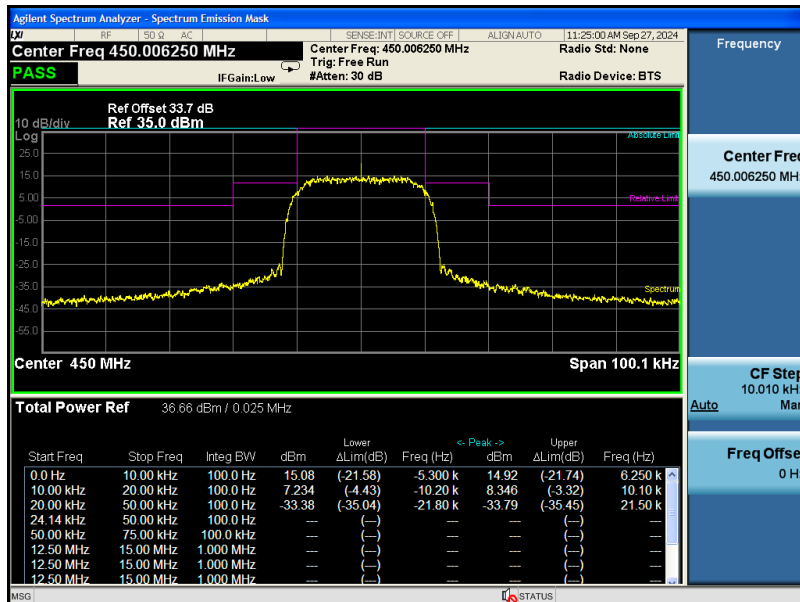


Emission Masks

DL_TETRA_LCH_Pre-AGC

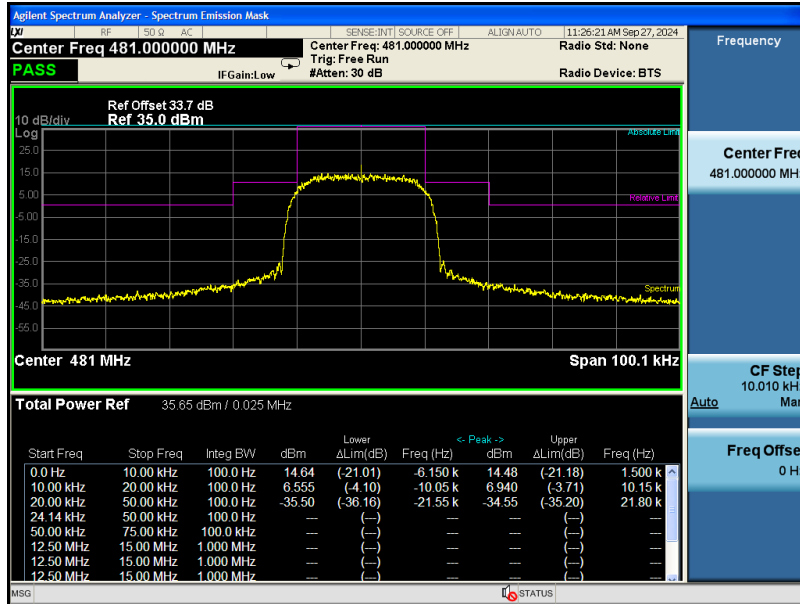


DL_TETRA_LCH_3dB above AGC

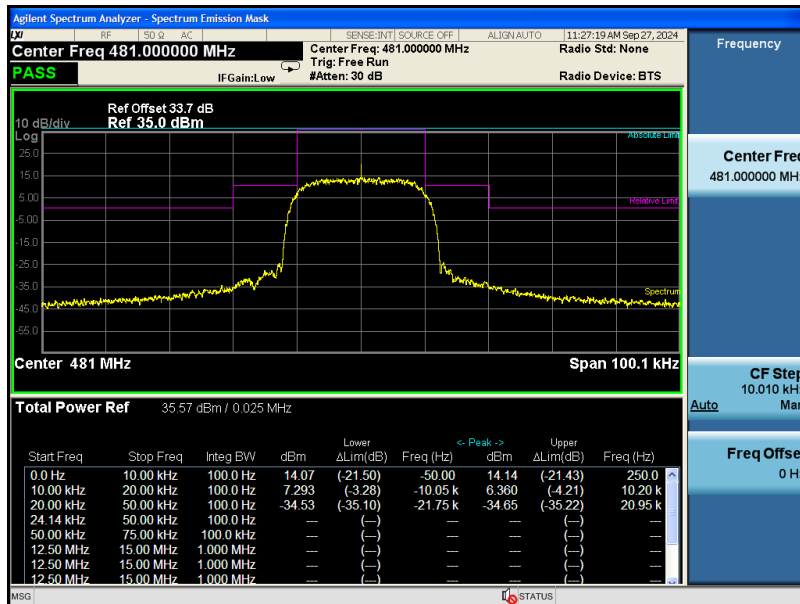


Emission Masks

DL_TETRA_MCH_Pre-AGC



DL_TETRA_MCH_3dB above AGC



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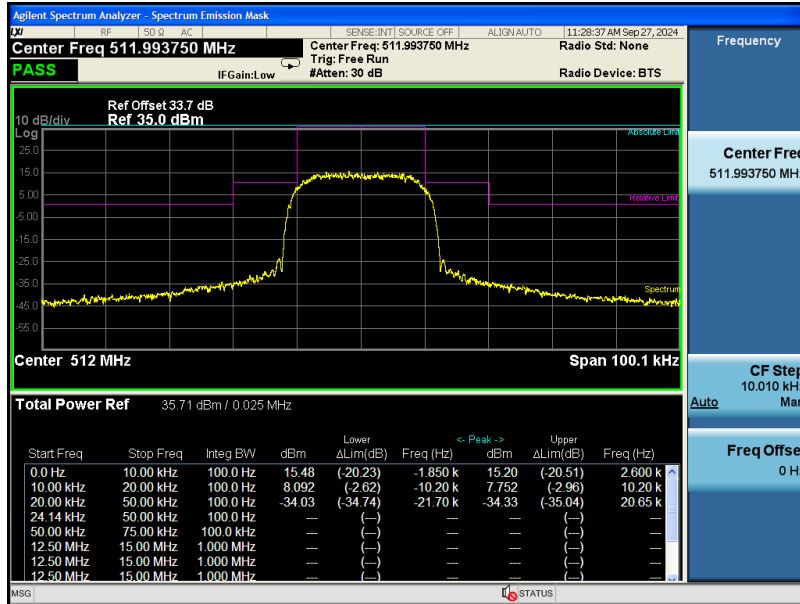
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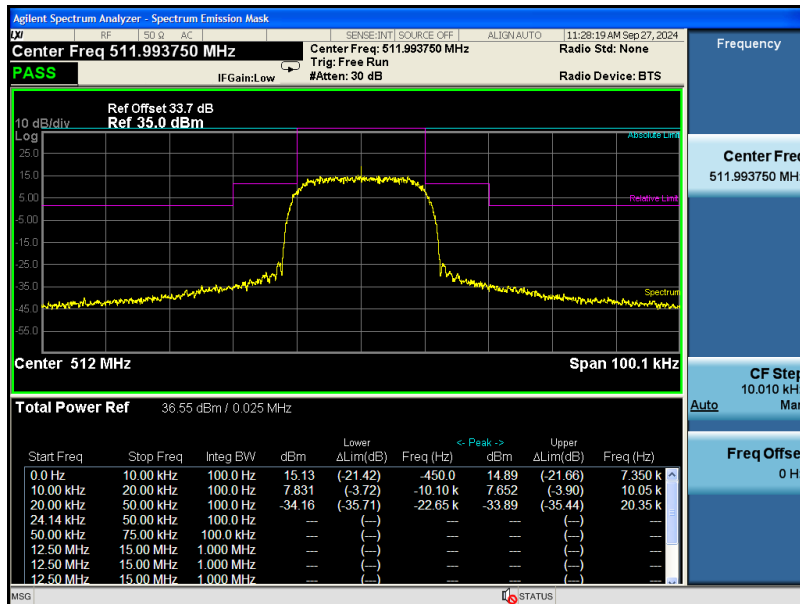
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Emission Masks

DL_TETRA_HCH_Pre-AGC

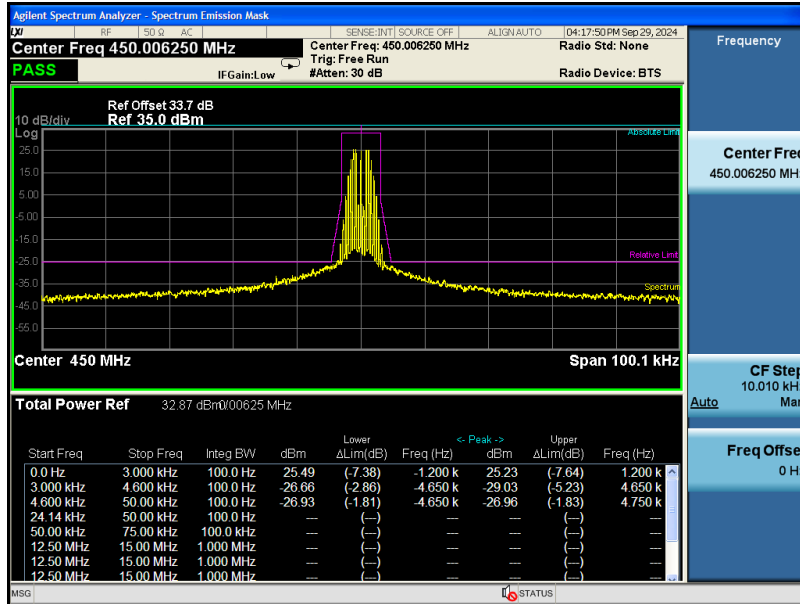


DL_TETRA_HCH_3dB above AGC

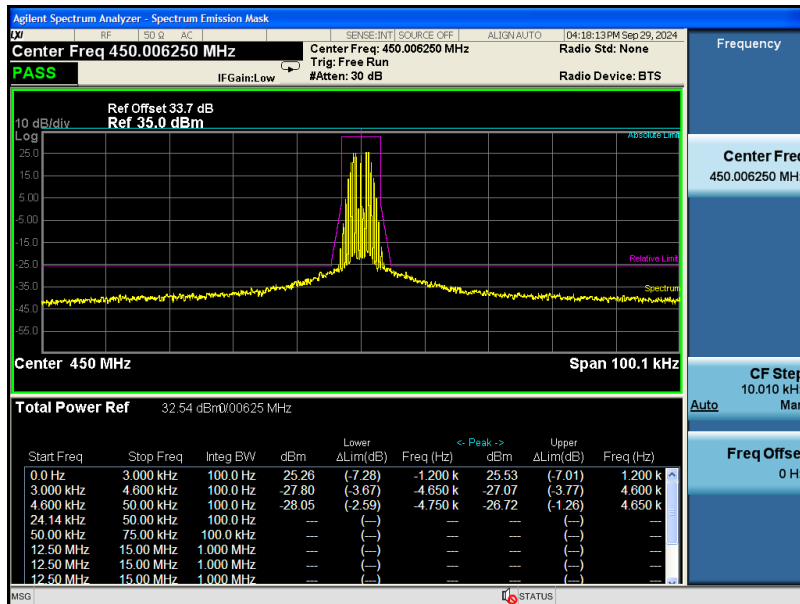


Emission Masks

UL_FM_LCH_Pre-AGC

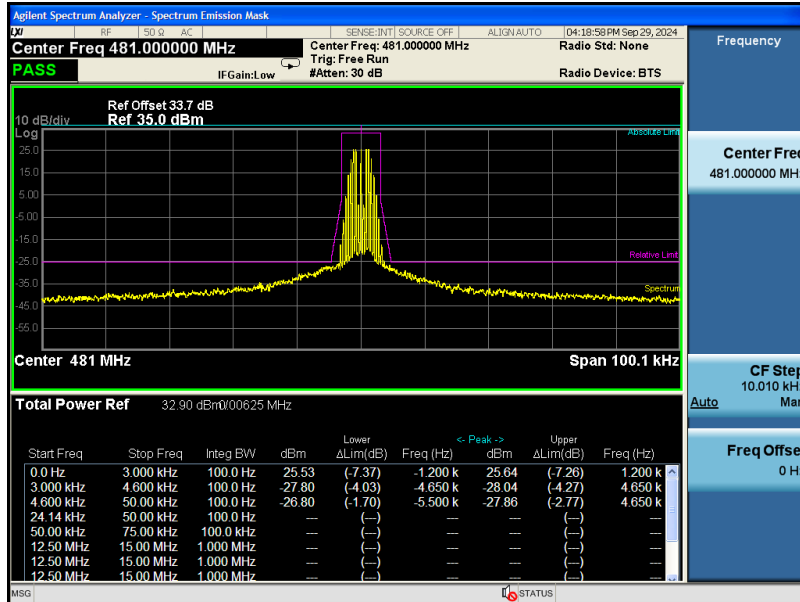


UL_FM_LCH_3dB above AGC

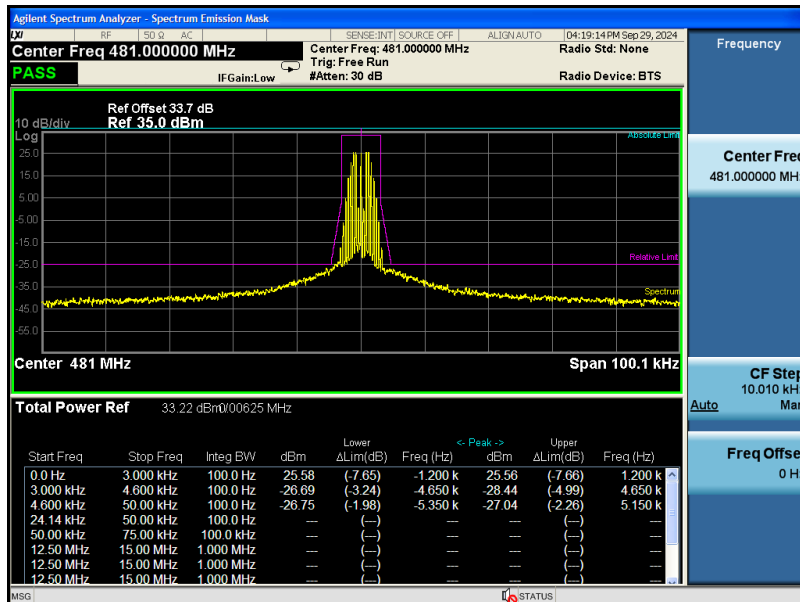


Emission Masks

UL_FM_MCH_Pre-AGC



UL_FM_MCH_3dB above AGC

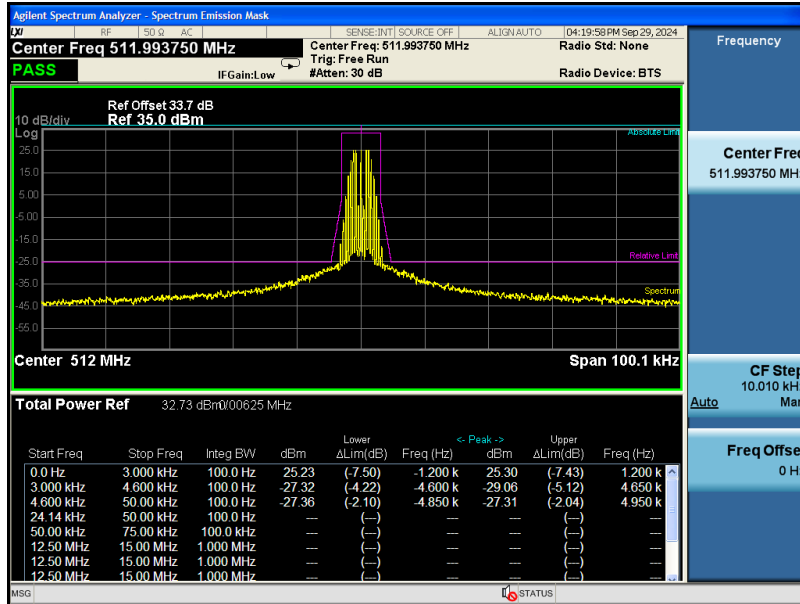


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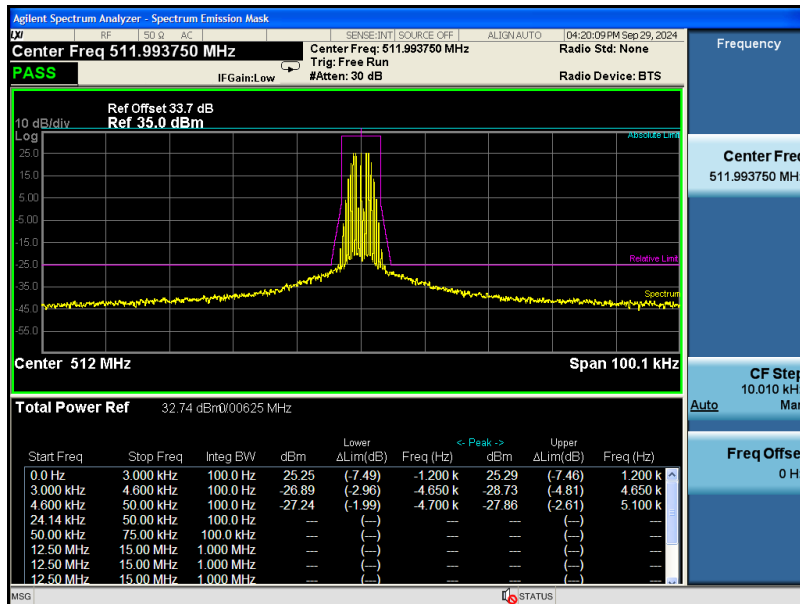
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Emission Masks

UL_FM_HCH_Pre-AGC

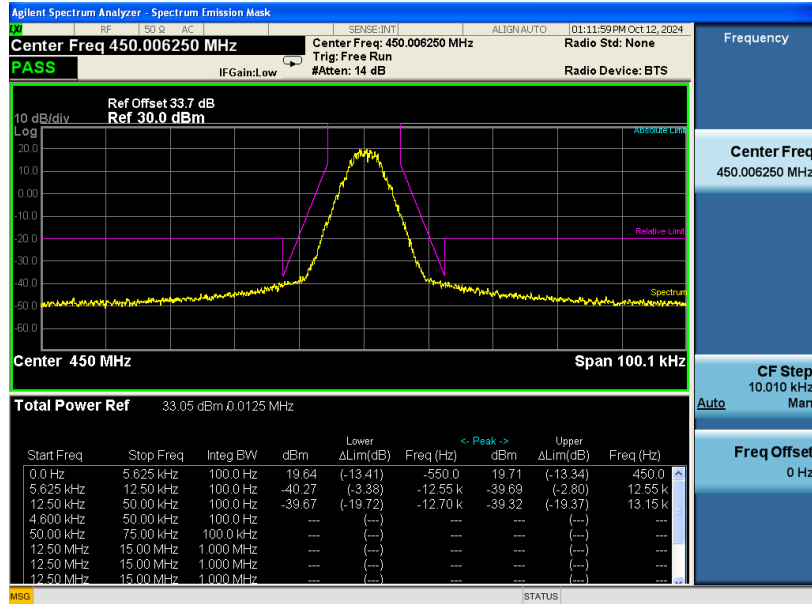


UL_FM_HCH_3dB above AGC

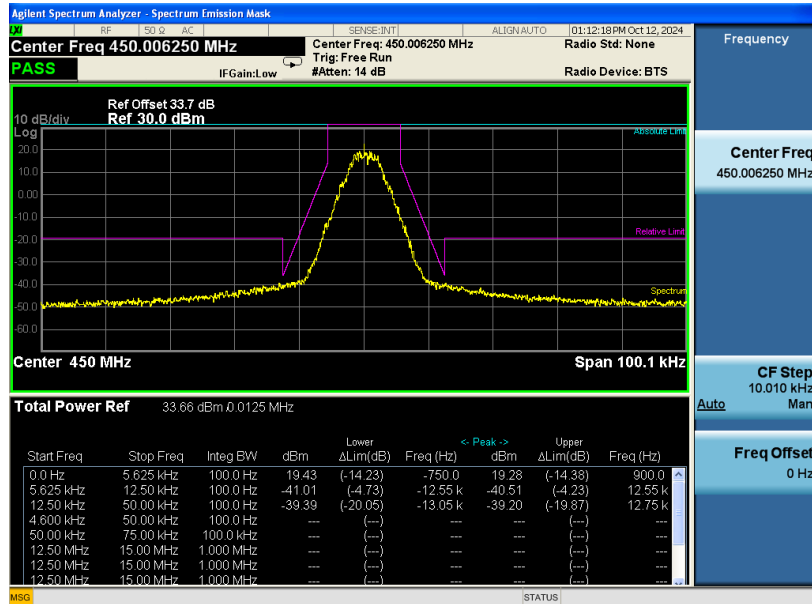


Emission Masks

UL_DMR_LCH_Pre-AGC

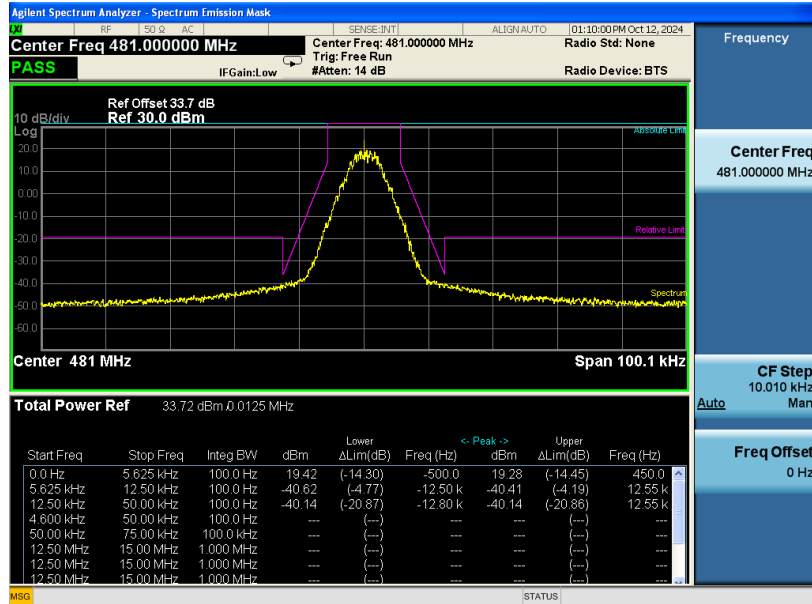


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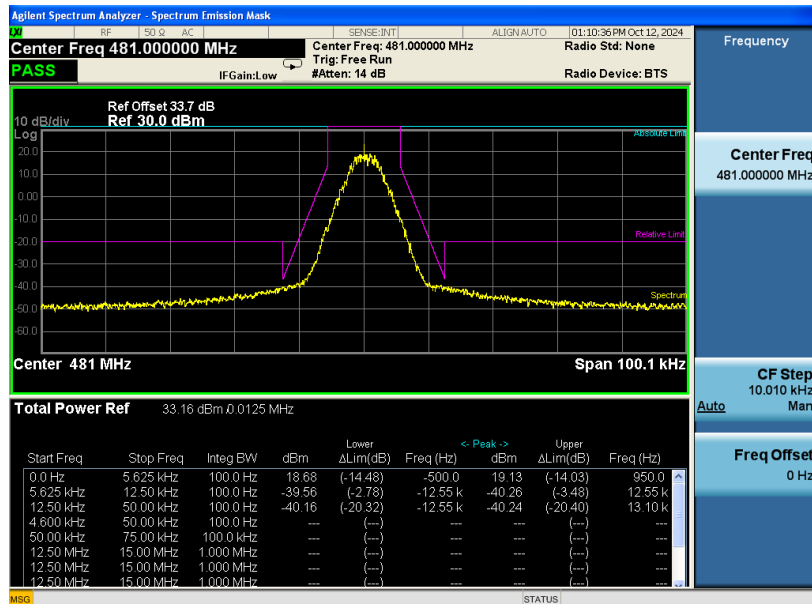


Emission Masks

UL_DMR_MCH_Pre-AGC



UL_DMR_MCH_3dB above AGC

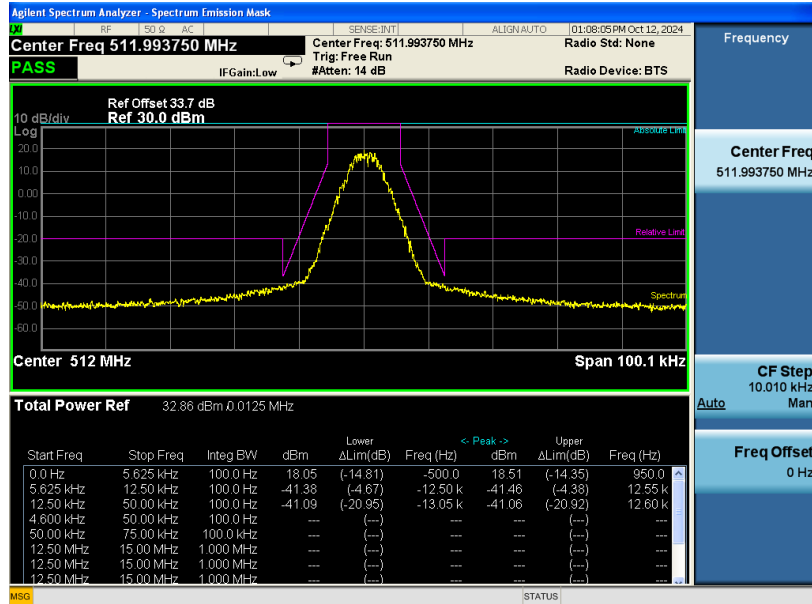


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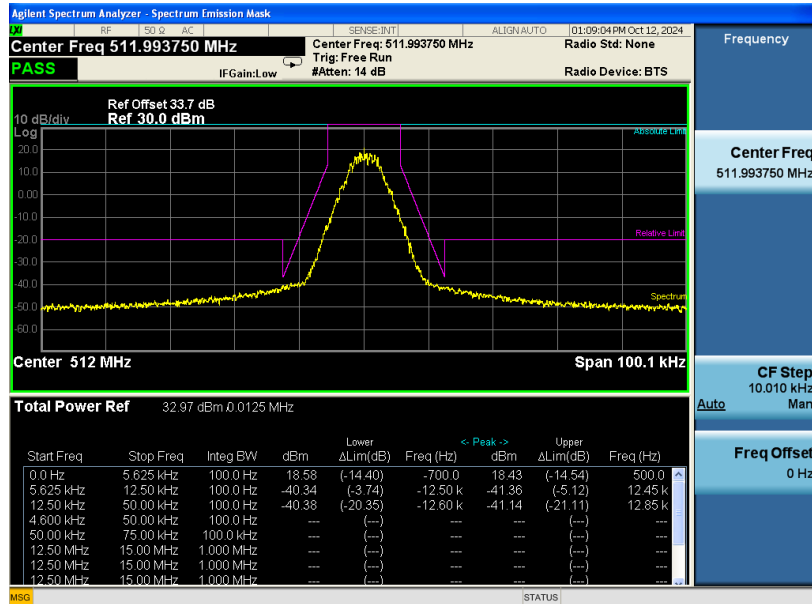
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Emission Masks

UL_DMR_HCH_Pre-AGC

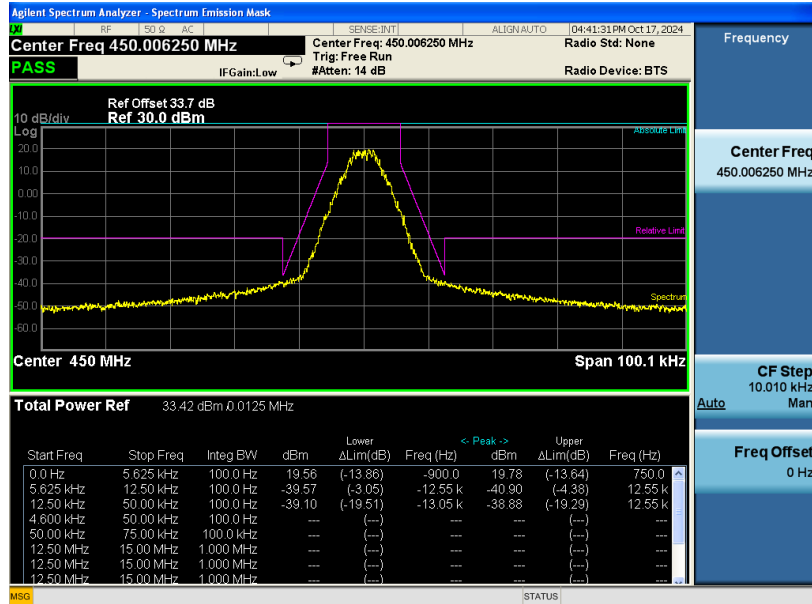


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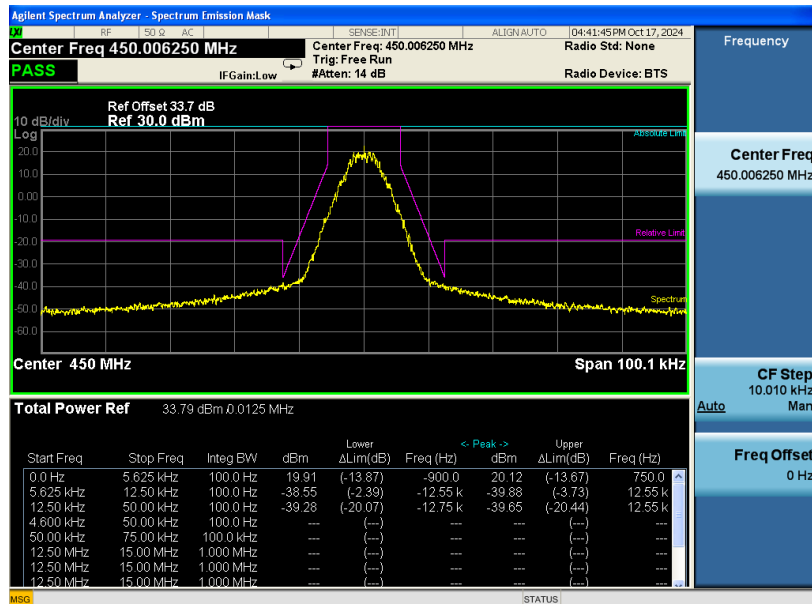


Emission Masks

UL_C4FM_LCH_Pre-AGC

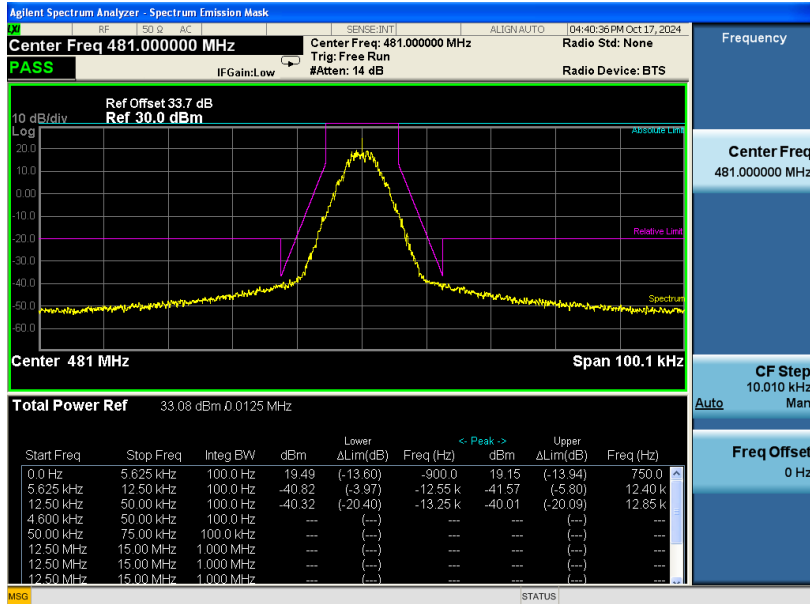


UL_C4FM_LCH_3dB above AGC

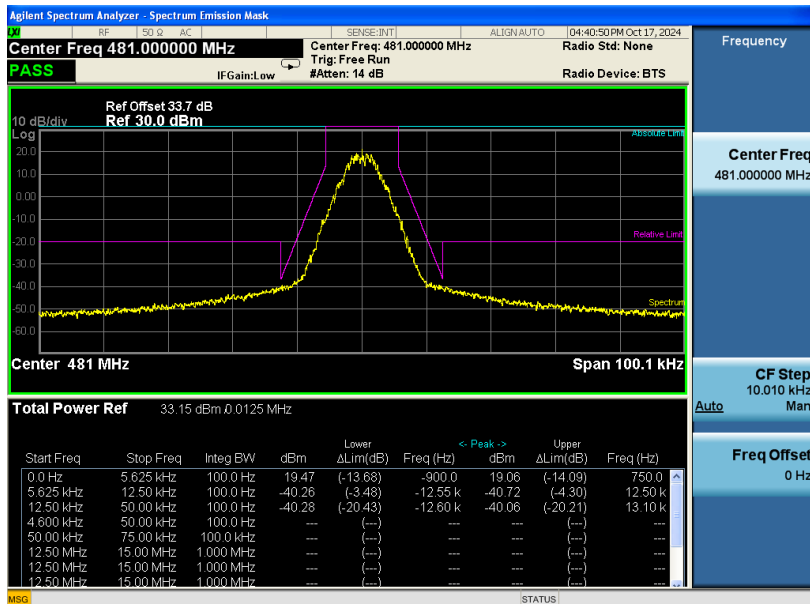


Emission Masks

UL_C4FM_MCH_Pre-AGC



UL_C4FM_MCH_3dB above AGC

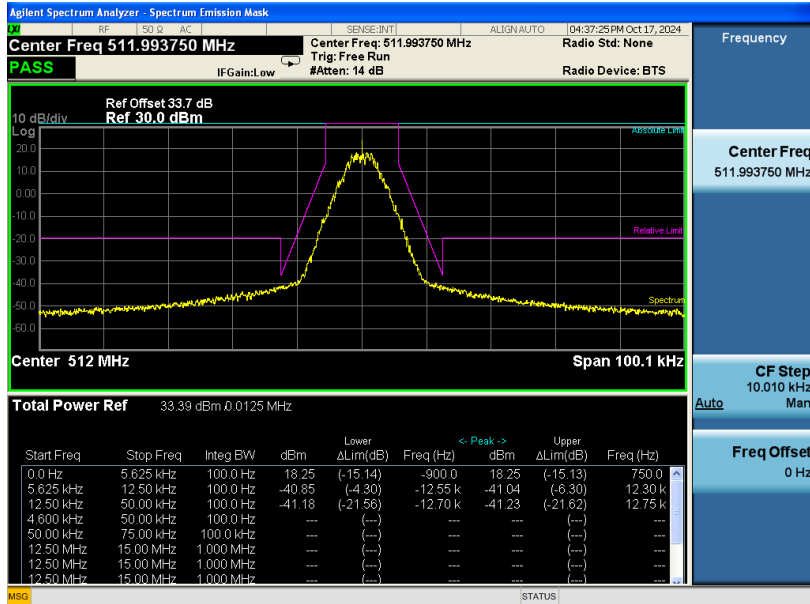


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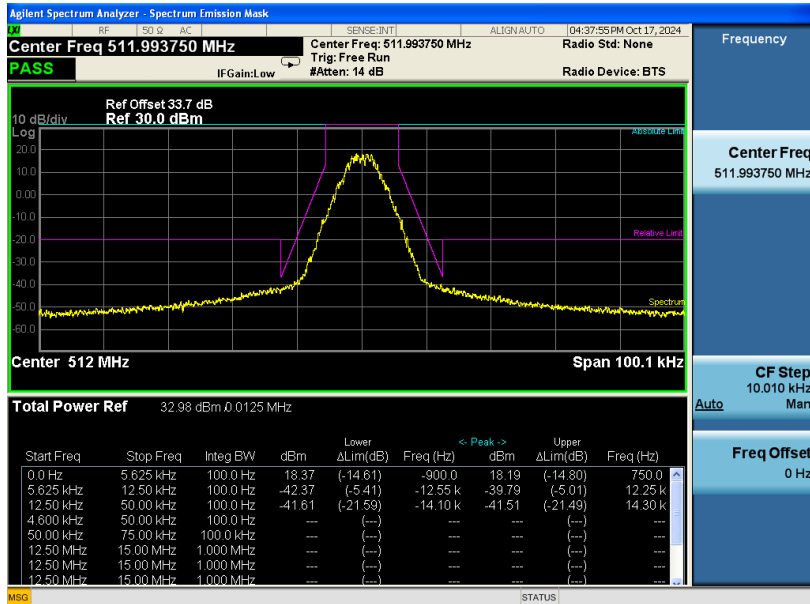
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Emission Masks

UL_C4FM_HCH_Pre-AGC



UL_C4FM_HCH_3dB above AGC

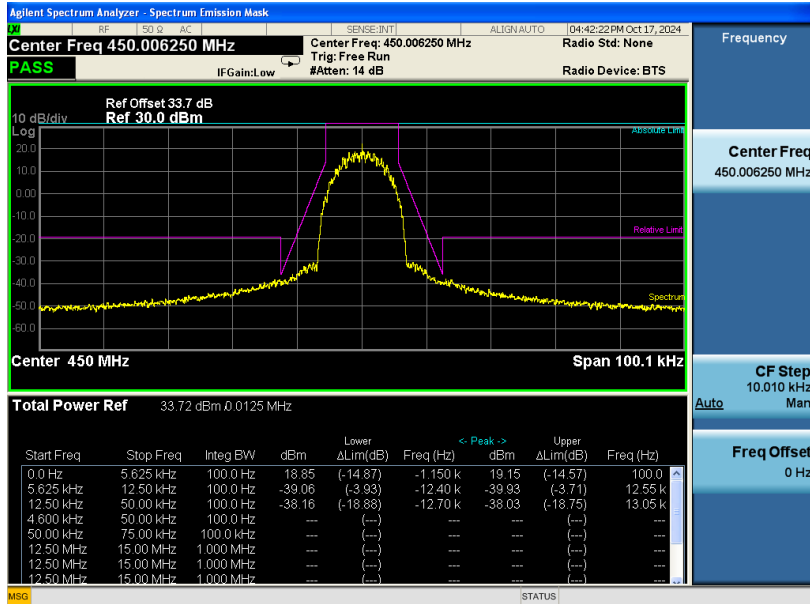


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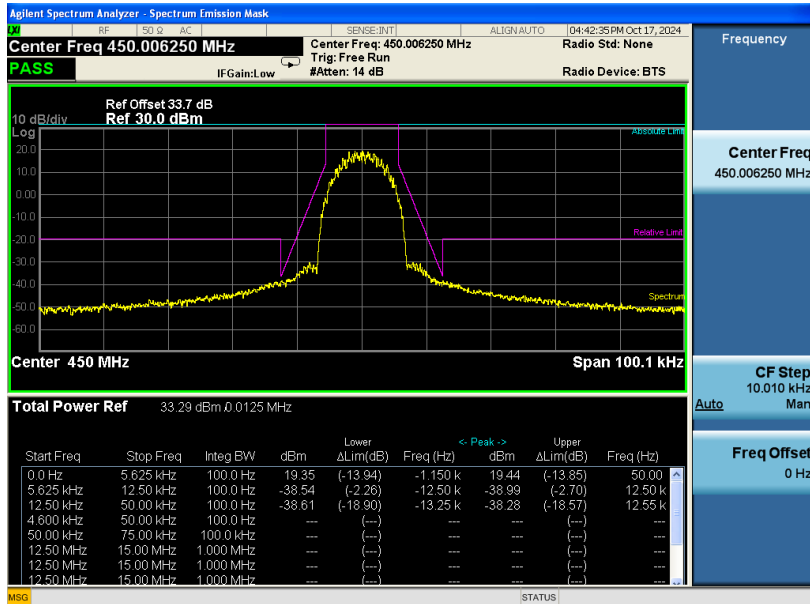
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Emission Masks

UL_H-DQPSK_LCH_Pre-AGC



UL_H-DQPSK_LCH_3dB above AGC

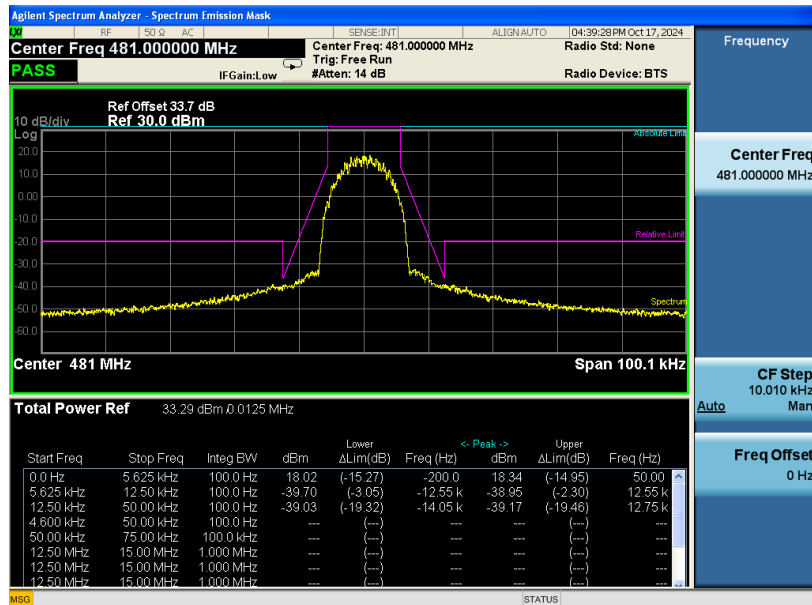


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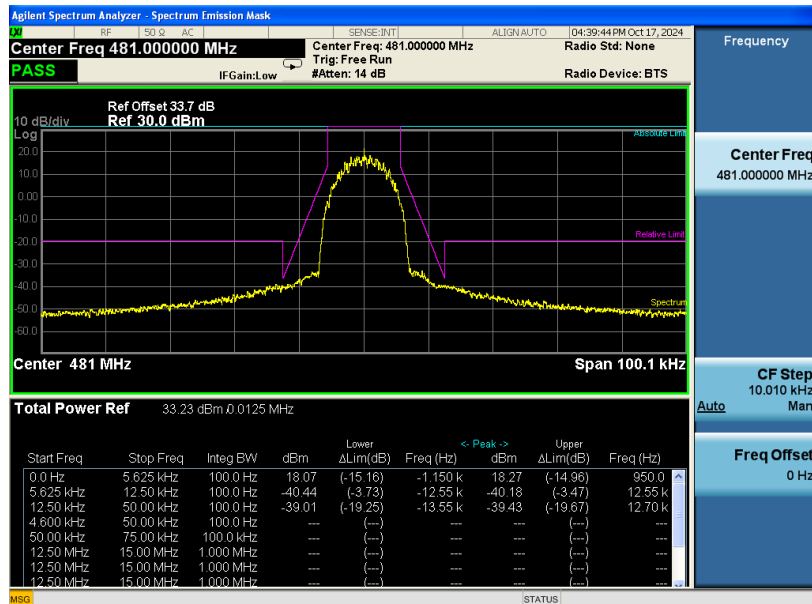
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Emission Masks

UL_H-DQPSK_MCH_Pre-AGC

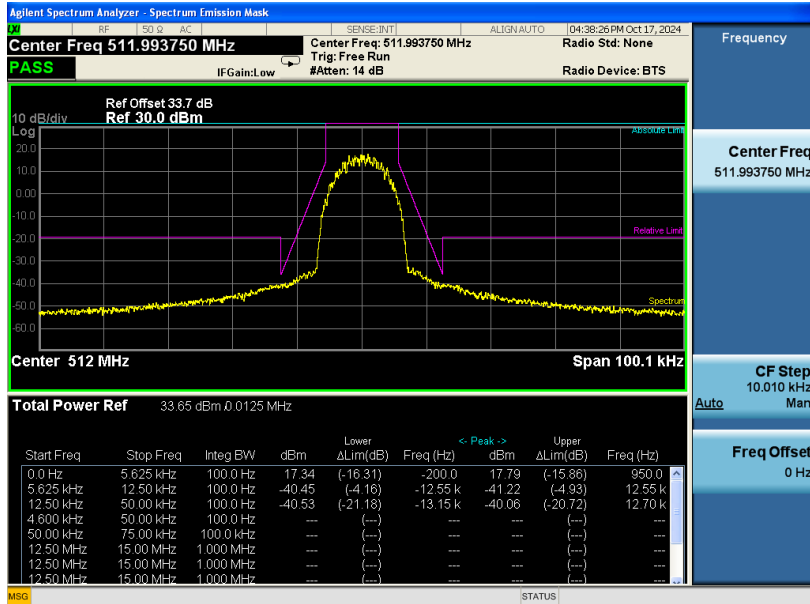


UL_H-DQPSK_MCH_3dB above AGC

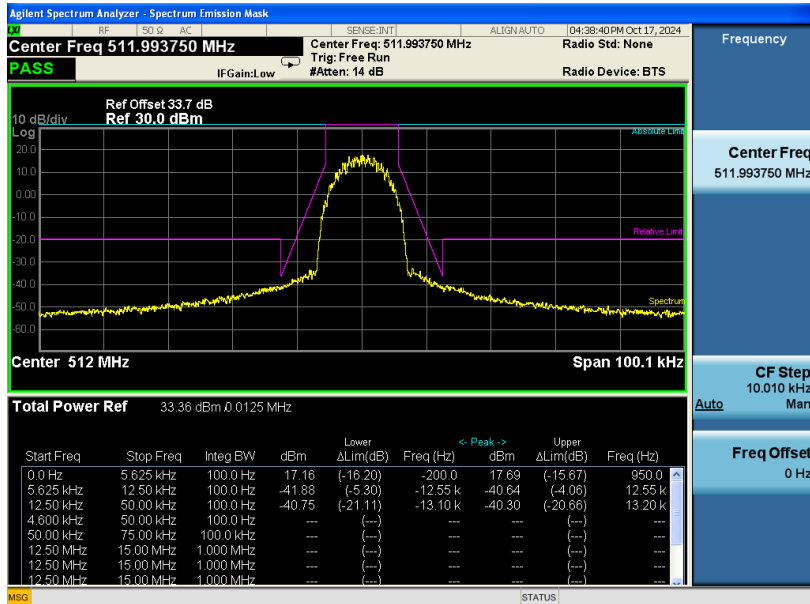


Emission Masks

UL_H-DQPSK_HCH_Pre-AGC



UL_H-DQPSK_HCH_3dB above AGC

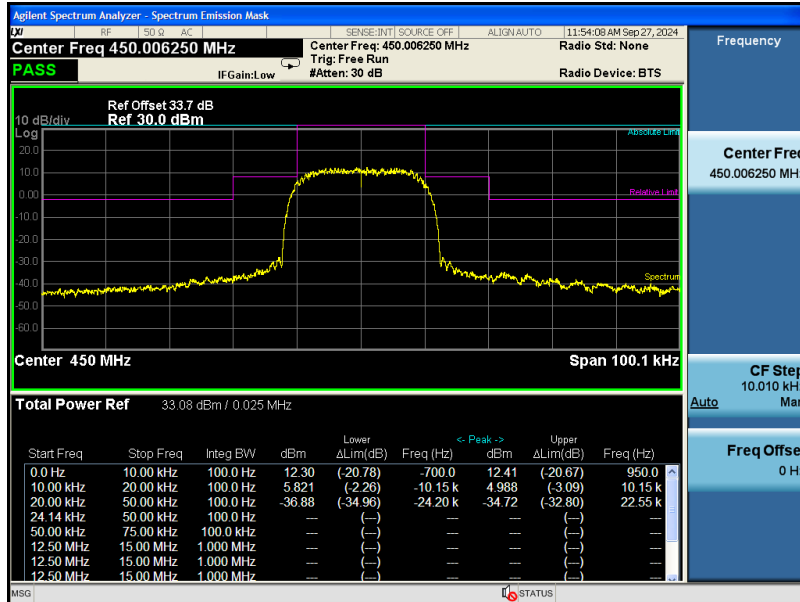


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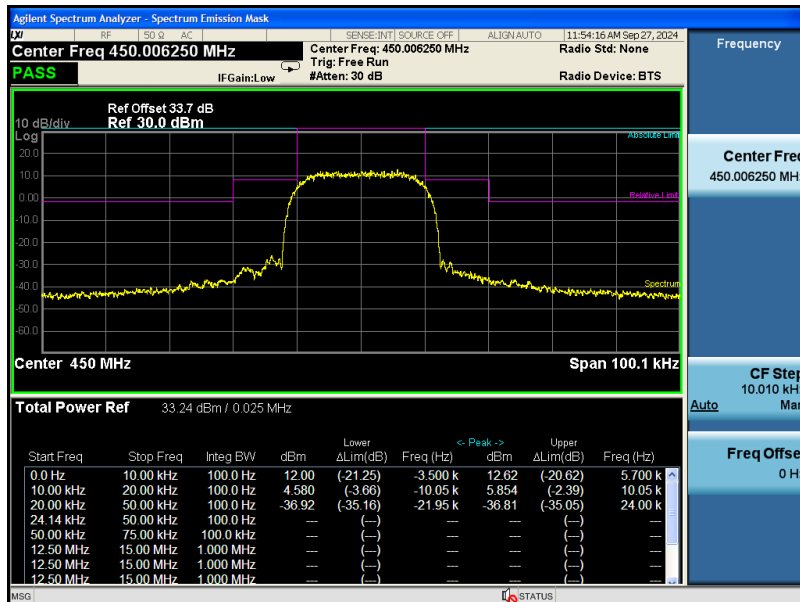
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Emission Masks

UL_TETRA_LCH_Pre-AGC



UL_TETRA_LCH_3dB above AGC

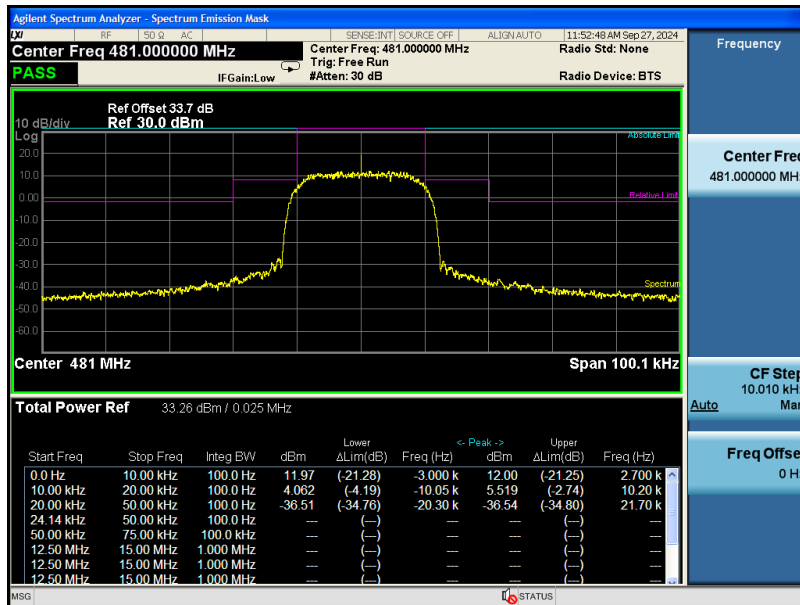


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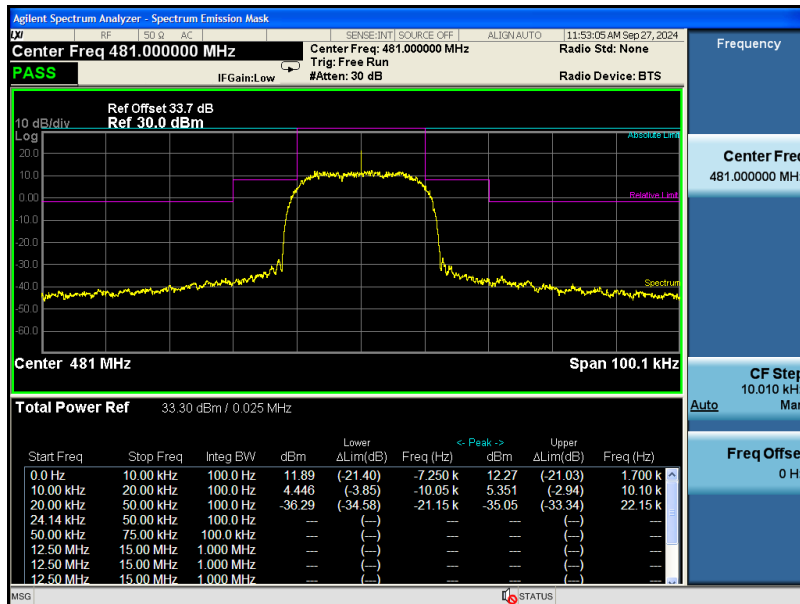
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Emission Masks

UL_TETRA_MCH_Pre-AGC



UL_TETRA_MCH_3dB above AGC

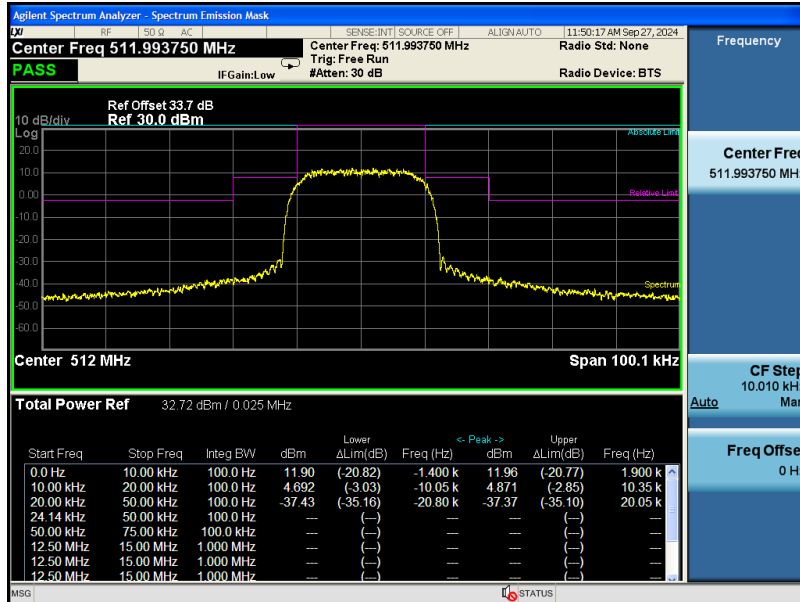


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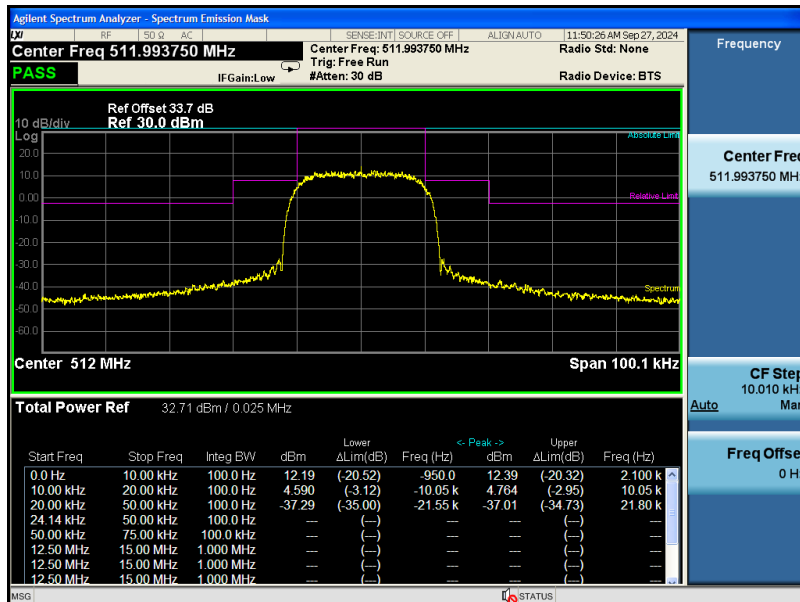
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Emission Masks

UL_TETRA_HCH_Pre-AGC



UL_TETRA_HCH_3dB above AGC



5 Noise Figure

Noise Figure			
Test path	Noise figure (dB)	Limit (dB)	Verdict
DL	5.32	≤9	PASS
UL	5.85		PASS

6 Intermodulation

Intermodulation					
Test path	Test frequency f0 (MHz)	CW signal spacing (kHz)	Signal level	Worst conducted test level (dBm)	
				300Hz measurement bandwidth	10kHz measurement bandwidth
DL	451.2	6.25	Pre-AGC	-16.19	-0.96
			3dB above AGC	-15.85	-0.62
		12.5	Pre-AGC	-15.48	-0.25
			3dB above AGC	-15.71	-0.48
		25	Pre-AGC	-15.35	-0.12
			3dB above AGC	-15.24	-0.01
UL	454	6.25	Pre-AGC	-24.10	-8.87
			3dB above AGC	-24.50	-9.27
		12.5	Pre-AGC	-23.45	-8.22
			3dB above AGC	-23.09	-7.86
		25	Pre-AGC	-22.37	-7.14
			3dB above AGC	-22.66	-7.43

Remark:

- f0 is from Out-of-band Rejection test in the report.
- The level in 10kHz measurement bandwidth= the level in 300Hz measurement bandwidth+ 10lg(10000/300).
- ERP= conducted test level (dBm)+ antenna gain (dBi)- 2.15dB, the maximum antenna gain is 0dBi and declared by the manufacturer.
- The ERP of worst intermodulation products is -0.01/10kHz+ 0dBi- 2.15dB= -2.16dBm, the applicant must use good engineering practice to make sure that the ERP of intermodulation products should not exceed -30dBm in 10kHz measurement bandwidth.



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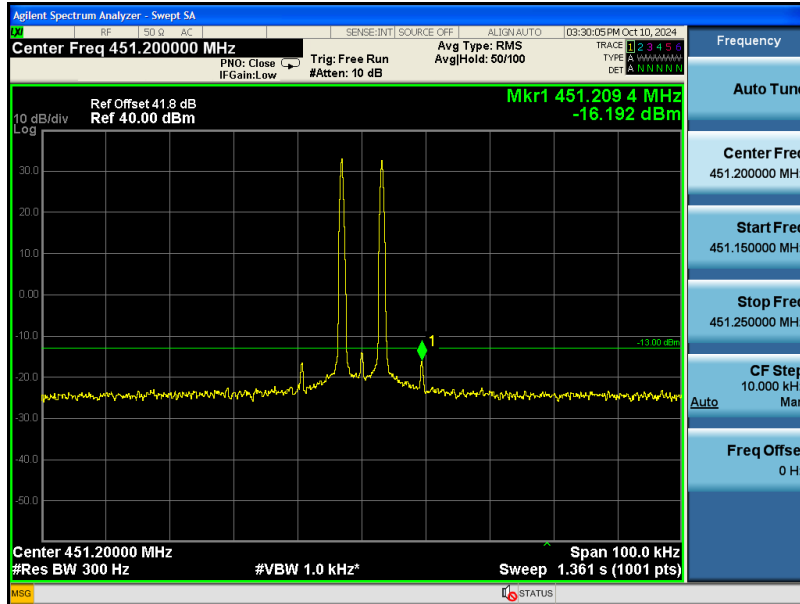
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Guangzhou Branch

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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

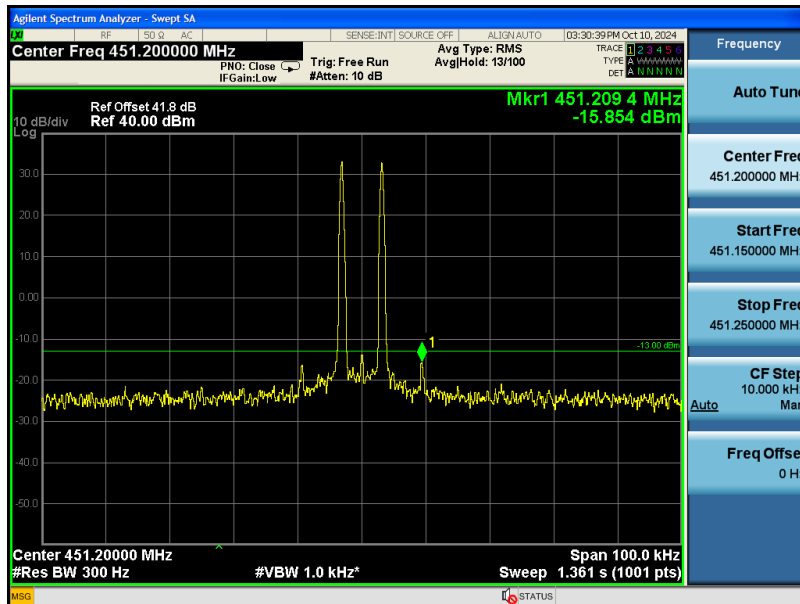
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Intermodulation

DL_6.25kHz_Pre-AGC



DL_6.25kHz_3dB above AGC

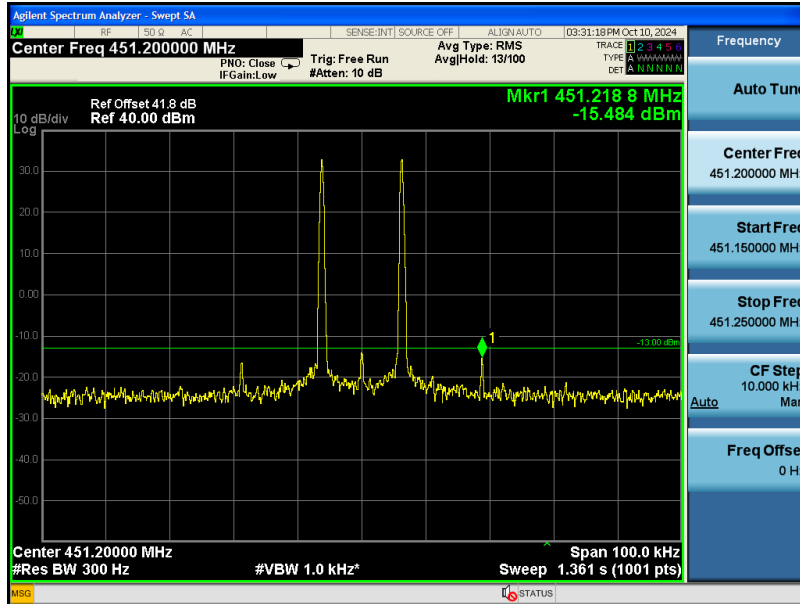


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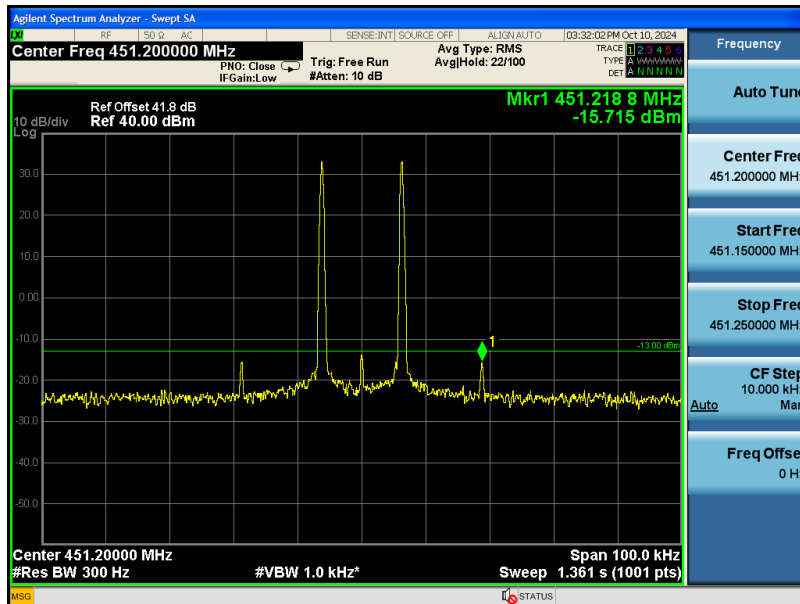
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Intermodulation

DL_12.5kHz_Pre-AGC

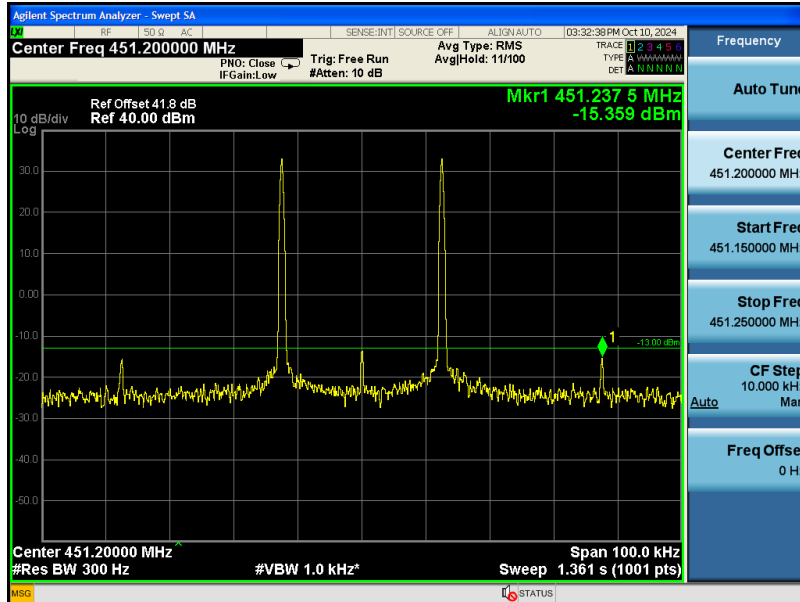


DL_12.5kHz_3dB above AGC

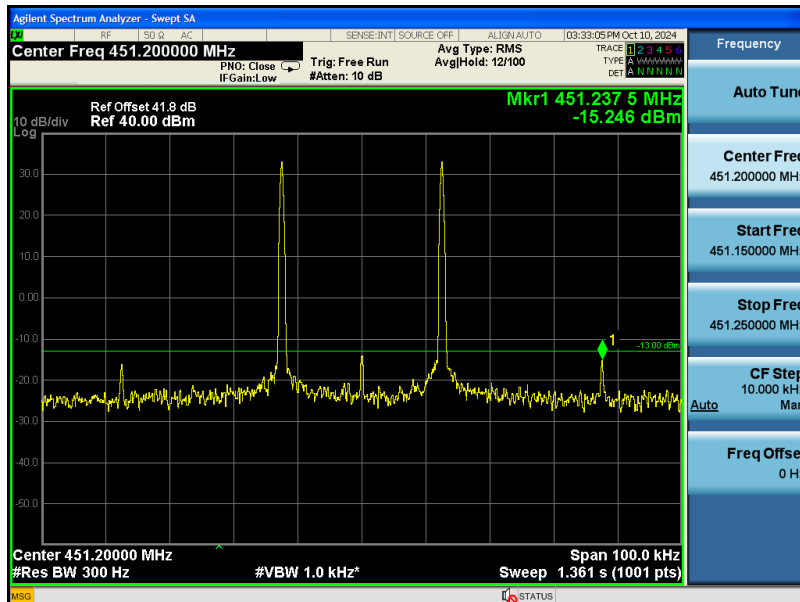


Intermodulation

DL_25kHz_Pre-AGC

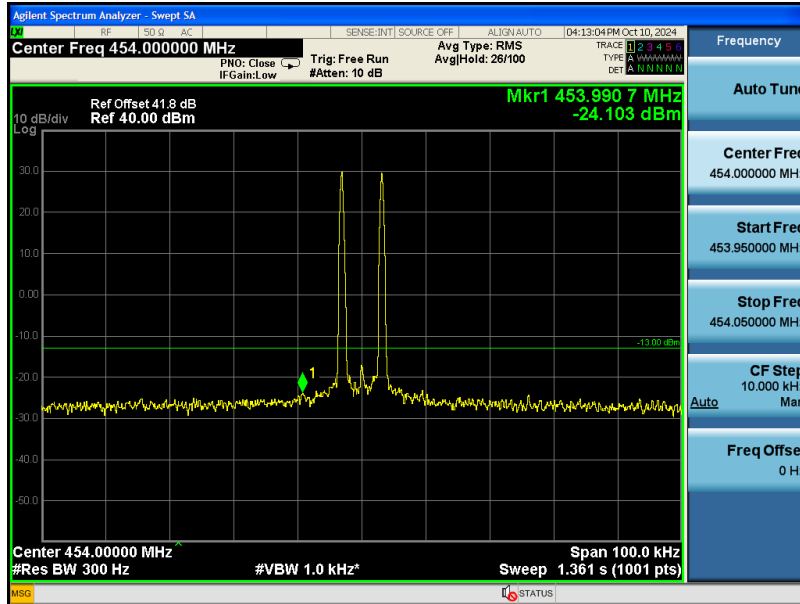


DL_25kHz_3dB above AGC

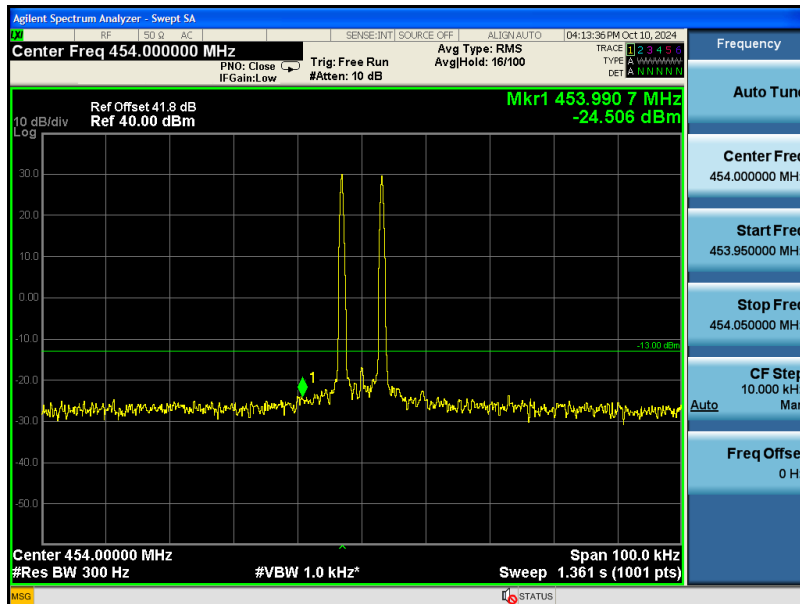


Intermodulation

UL_6.25kHz_Pre-AGC



UL_6.25kHz_3dB above AGC

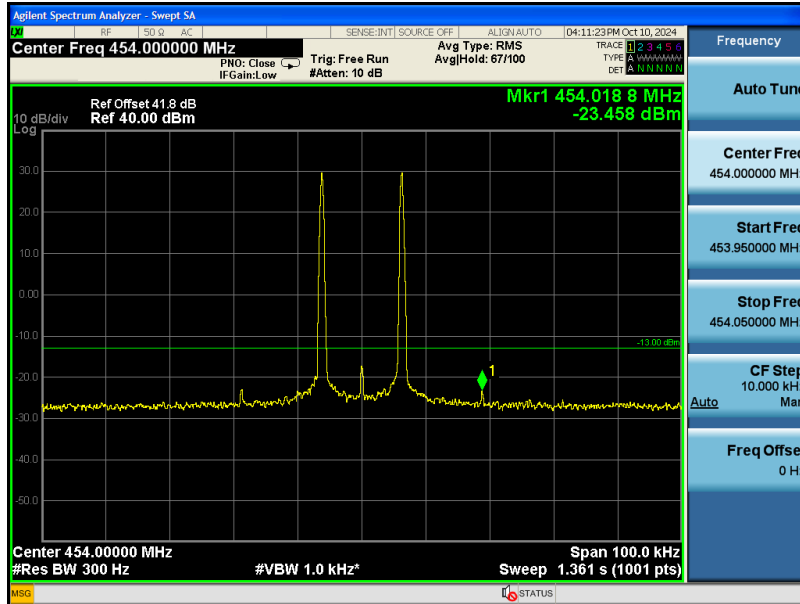


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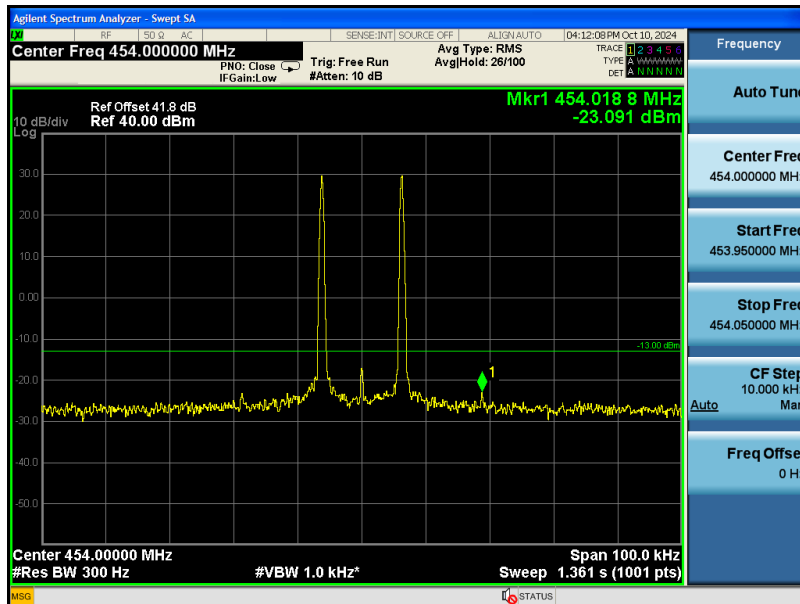
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Intermodulation

UL_12.5kHz_Pre-AGC



UL_12.5kHz_3dB above AGC

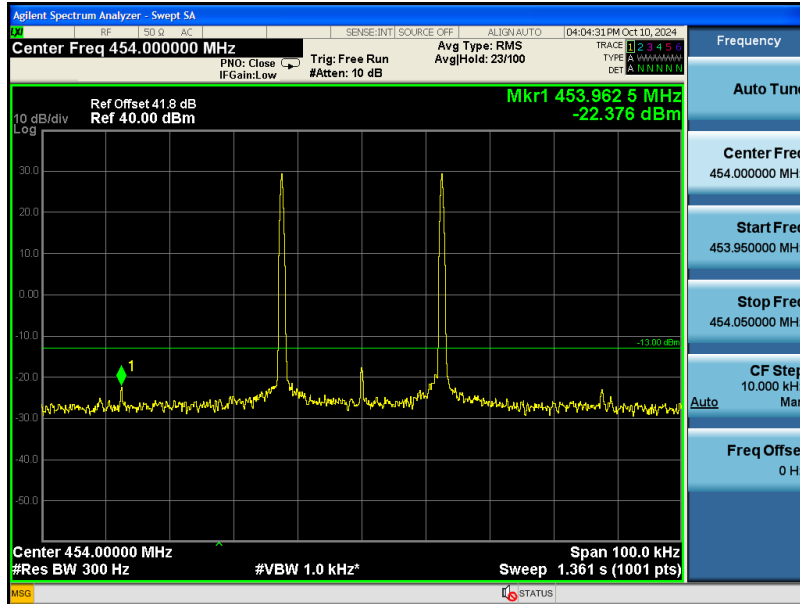


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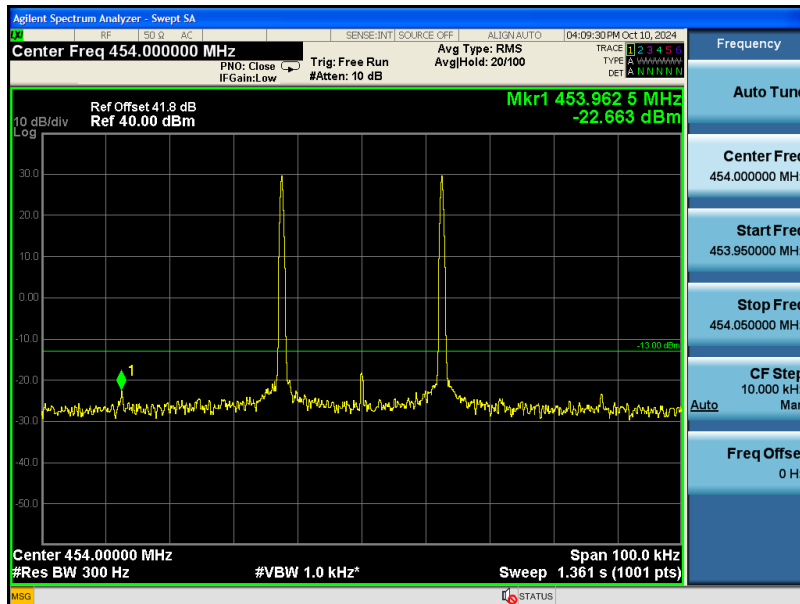
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Intermodulation

UL_25kHz_Pre-AGC



UL_25kHz_3dB above AGC





SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-ARF-05 Rev 1.1

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7 Conducted Spurious emissions.

Conducted Spurious emissions						
Test path	Test signal	Test channel	Frequency range (MHz)	Worst test level (dBm)	Limit (dBm)	Verdict
DL	CW	MCH	0.09-30	-41.11	≤-13	PASS
			30-1000	-19.24	≤-13	PASS
			1000-1734	-23.61	≤-13	PASS
UL	CW	MCH	0.09-30	-42.08	≤-13	PASS
			30-1000	-15.86	≤-13	PASS
			1000-1734	-24.19	≤-13	PASS
Remark: The conducted spurious emissions 9kHz to 30MHz were very low and not displayed test plots in this report.						



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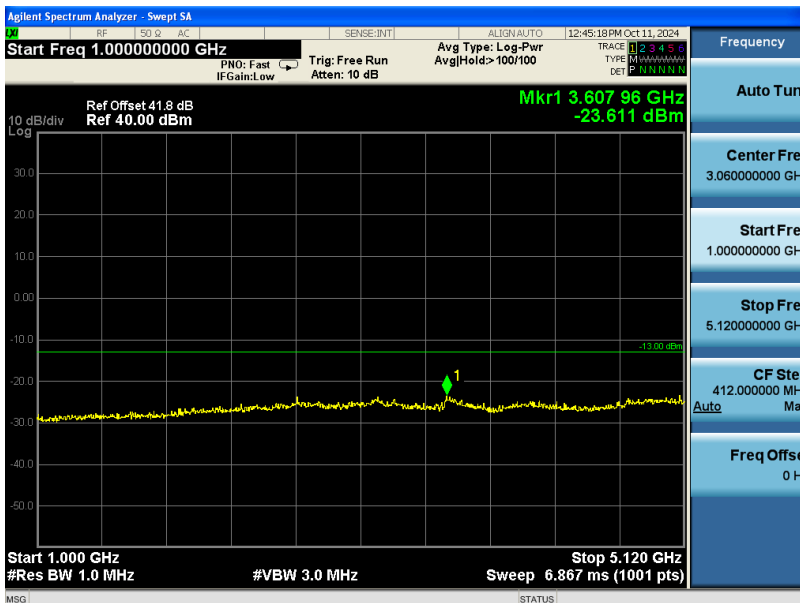
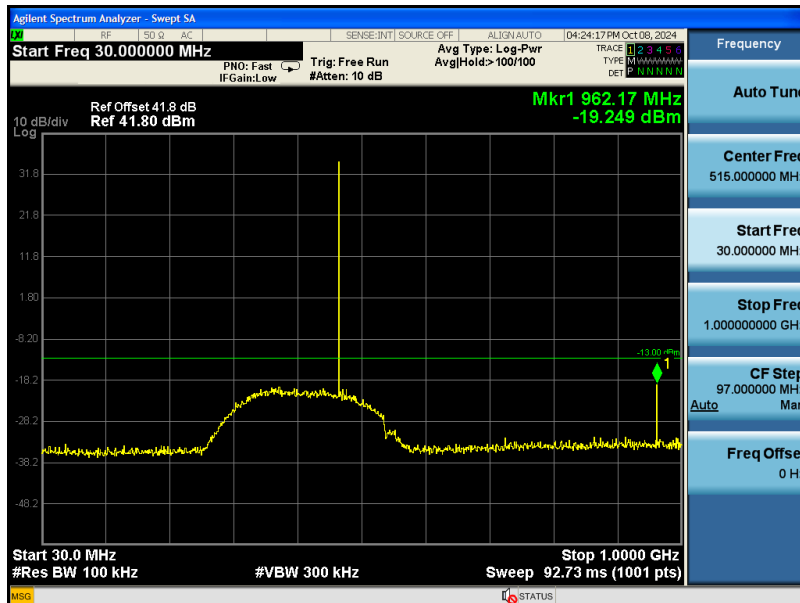
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Conducted Spurious emissions

DL_CW_MCH

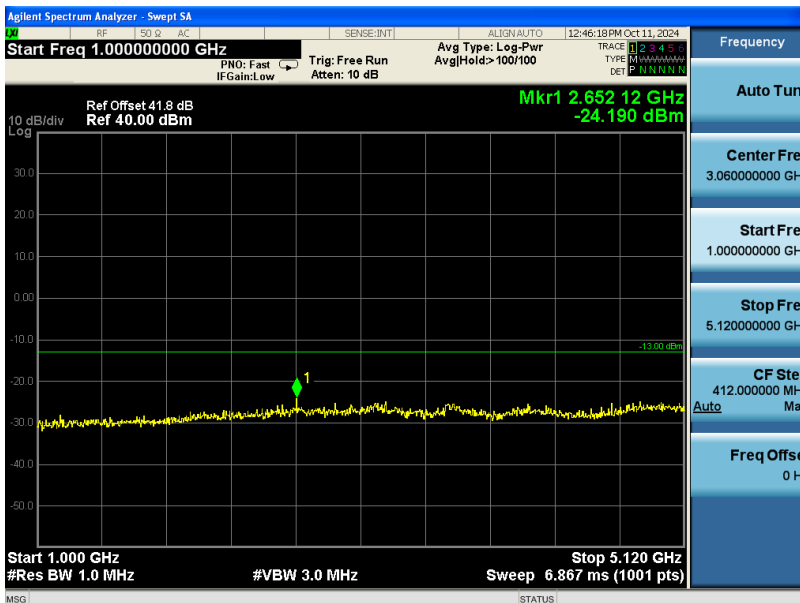
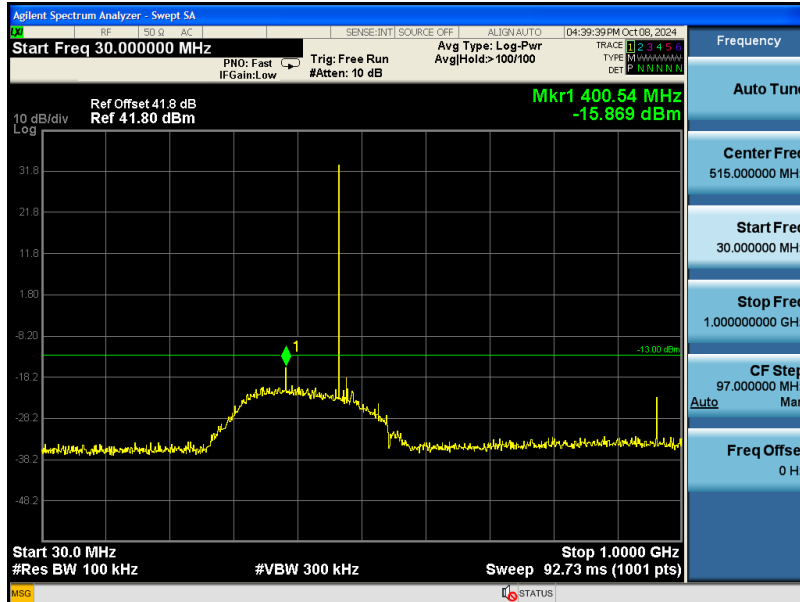


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Conducted Spurious emissions

UL_CW_MCH



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Test Service Laboratory

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8 Noise

Noise within the passband		
Test path	Frequency range (MHz)	Worst conducted test level (dBm)
DL	450-512	-21.67
UL	450-512	22.31
Noise outside of the passband		
Test path	Frequency range (MHz)	Worst conducted test level (dBm)
DL	0.009-30	-51.67
	30-449	-24.85
	513-5120	-34.38
UL	0.009-30	-52.34
	30-449	-24.15
	513-5120	-34.48

Remark:

- ERP= conducted test level (dBm)+ antenna gain (dBi)- 2.15dB, the antenna gain is 0dBi declared by the manufacturer.
- The ERP of worst noise within the passband is -21.67/10kHz+ 0dBi- 2.15dB= -23.82dBm, the applicant must use good engineering practice to make sure that the ERP of noise within the passband should not exceed -43dBm in 10kHz measurement bandwidth.
- The ERP of worst noise outside of the passband is -24.15/10kHz+ 0dBi- 2.15dB= -26.30dBm, the applicant must use good engineering practice to make sure that the ERP of noise outside the passband should not exceed -70dBm in 10kHz measurement bandwidth.
- The noise 9kHz to 30MHz were very low and not displayed test plots in this report.

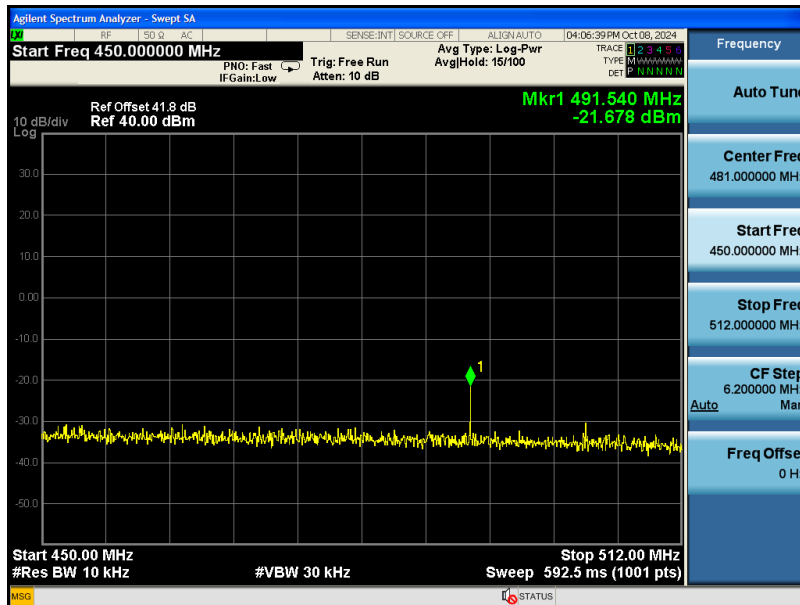


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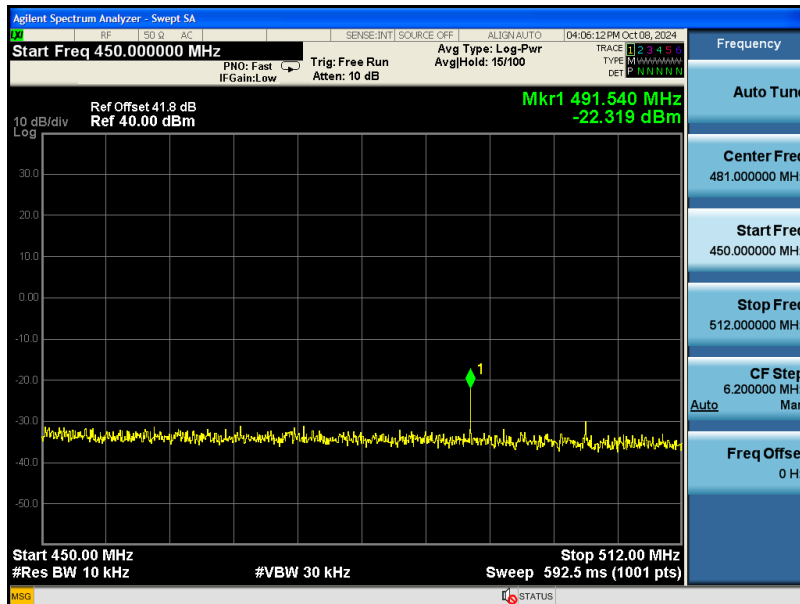
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Noise within the passband

DL

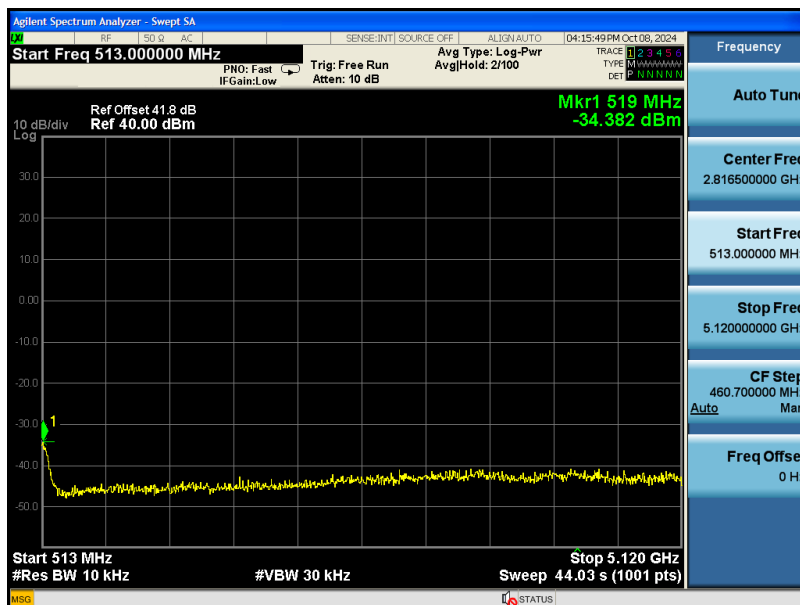
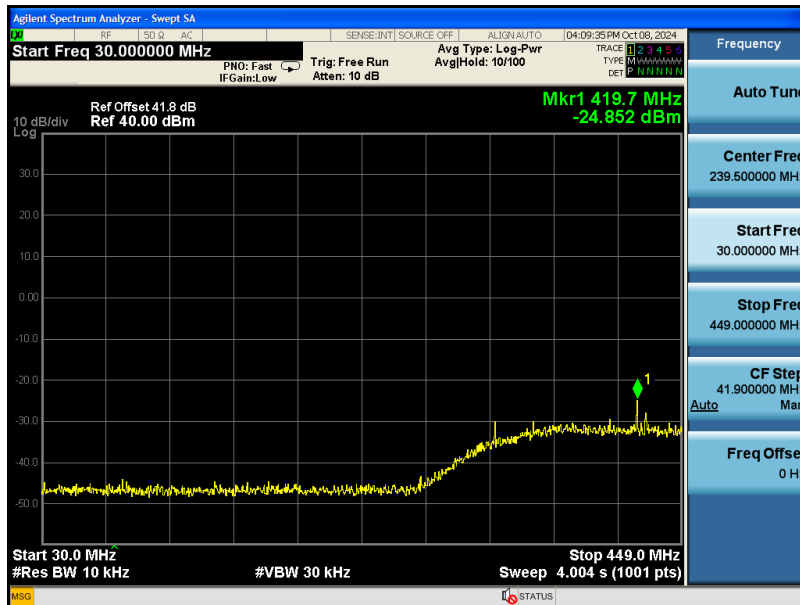


UL



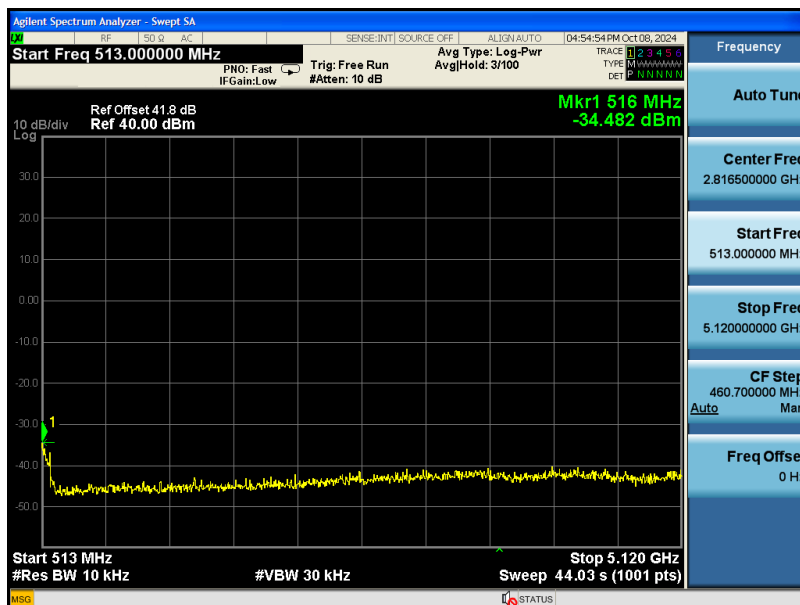
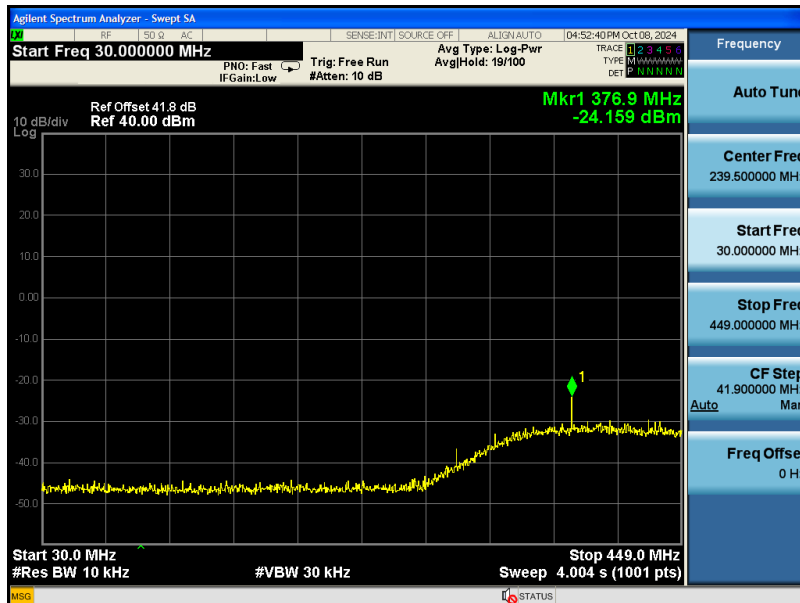
Noise outside the passband

DL



Noise outside the passband

UL



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9 Frequency Stability

Frequency stability vs voltage							
Test path	Test Signal	Test Channel	Temperature	Voltage	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	FM	MCH	TN	VL	1.3	0.003	PASS
			TN	VH	4.5	0.009	PASS
	DMR	MCH	TN	VL	3.8	0.008	PASS
			TN	VH	2.4	0.005	PASS
	C4FM	MCH	TN	VL	1.3	0.003	PASS
			TN	VH	2.0	0.004	PASS
	H-DQPSK	MCH	TN	VL	3.6	0.007	PASS
			TN	VH	4.6	0.010	PASS
	TETRA	MCH	TN	VL	2.9	0.006	PASS
			TN	VH	2.2	0.005	PASS
UL	FM	MCH	TN	VL	2.8	0.006	PASS
			TN	VH	4.2	0.009	PASS
	DMR	MCH	TN	VL	2.1	0.004	PASS
			TN	VH	4.3	0.009	PASS
	C4FM	MCH	TN	VL	3.8	0.008	PASS
			TN	VH	1.9	0.004	PASS
	H-DQPSK	MCH	TN	VL	2.5	0.005	PASS
			TN	VH	2.8	0.006	PASS
	TETRA	MCH	TN	VL	1.6	0.003	PASS
			TN	VH	1.9	0.004	PASS



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Guangzhou Branch

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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	FM	MCH	VN	+50	3.6	0.007	PASS
			VN	+40	3.1	0.006	PASS
			VN	+30	2.0	0.004	PASS
			VN	+20	1.6	0.003	PASS
			VN	+10	2.1	0.004	PASS
			VN	0	3.2	0.007	PASS
			VN	-10	4.5	0.009	PASS
			VN	-20	1.7	0.004	PASS
			VN	-30	2.7	0.006	PASS
	DMR	MCH	VN	+50	4.1	0.009	PASS
			VN	+40	2.8	0.006	PASS
			VN	+30	4.2	0.009	PASS
			VN	+20	1.6	0.003	PASS
			VN	+10	1.4	0.003	PASS
			VN	0	3.4	0.007	PASS
			VN	-10	3.8	0.008	PASS
			VN	-20	2.2	0.005	PASS
			VN	-30	3.6	0.007	PASS
	C4FM	MCH	VN	+50	1.8	0.004	PASS
			VN	+40	3.2	0.007	PASS
			VN	+30	1.8	0.004	PASS
			VN	+20	2.0	0.004	PASS
			VN	+10	3.2	0.007	PASS
			VN	0	4.3	0.009	PASS
			VN	-10	2.4	0.005	PASS
			VN	-20	4.6	0.010	PASS
			VN	-30	4.6	0.010	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
DL	D-HQPSK	MCH	VN	+50	2.7	0.006	PASS
			VN	+40	1.6	0.003	PASS
			VN	+30	1.6	0.003	PASS
			VN	+20	3.7	0.008	PASS
			VN	+10	2.4	0.005	PASS
			VN	0	1.4	0.003	PASS
			VN	-10	4.5	0.009	PASS
			VN	-20	1.3	0.003	PASS
			VN	-30	2.6	0.005	PASS
	TRTRA	MCH	VN	+50	3.5	0.007	PASS
			VN	+40	4.4	0.009	PASS
			VN	+30	4.2	0.009	PASS
			VN	+20	4.0	0.008	PASS
			VN	+10	2.0	0.004	PASS
			VN	0	2.2	0.005	PASS
			VN	-10	1.5	0.003	PASS
			VN	-20	2.0	0.004	PASS
			VN	-30	2.6	0.005	PASS
UL	FM	MCH	VN	+50	3.4	0.007	PASS
			VN	+40	2.4	0.005	PASS
			VN	+30	3.2	0.007	PASS
			VN	+20	4.3	0.009	PASS
			VN	+10	1.9	0.004	PASS
			VN	0	3.4	0.007	PASS
			VN	-10	2.9	0.006	PASS
			VN	-20	2.8	0.006	PASS
			VN	-30	1.8	0.004	PASS



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Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
UL	DMR	MCH	VN	+50	2.9	0.006	PASS
			VN	+40	1.8	0.004	PASS
			VN	+30	1.3	0.003	PASS
			VN	+20	4.0	0.008	PASS
			VN	+10	1.3	0.003	PASS
			VN	0	3.0	0.006	PASS
			VN	-10	4.4	0.009	PASS
			VN	-20	4.4	0.009	PASS
			VN	-30	2.2	0.005	PASS
	C4FM	MCH	VN	+50	1.4	0.003	PASS
			VN	+40	4.1	0.009	PASS
			VN	+30	1.7	0.004	PASS
			VN	+20	4.1	0.009	PASS
			VN	+10	2.3	0.005	PASS
			VN	0	1.7	0.004	PASS
			VN	-10	2.9	0.006	PASS
			VN	-20	4.0	0.008	PASS
			VN	-30	1.9	0.004	PASS
	D-HQPSK	MCH	VN	+50	3.6	0.007	PASS
			VN	+40	1.5	0.003	PASS
			VN	+30	3.8	0.008	PASS
			VN	+20	3.0	0.006	PASS
			VN	+10	2.8	0.006	PASS
			VN	0	2.6	0.005	PASS
			VN	-10	4.0	0.008	PASS
			VN	-20	2.7	0.006	PASS
			VN	-30	2.9	0.006	PASS



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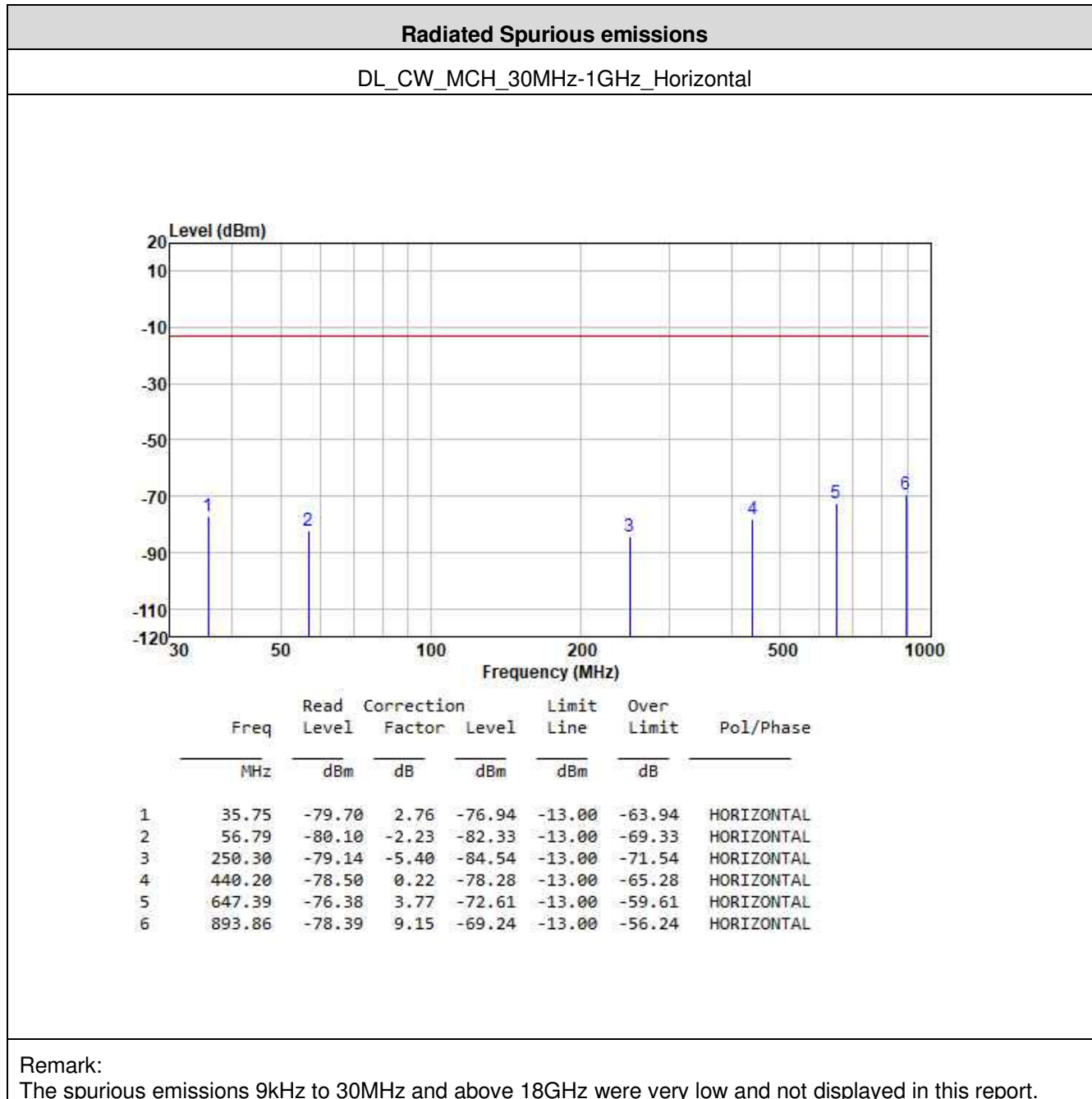
Frequency stability vs temperature							
Test Path	Test Signal	Test Channel	Voltage	Temperature (°C)	Freq. error (Hz)	Tolerance (ppm)	Verdict
UL	TETRA	MCH	VN	+50	4.3	0.009	PASS
			VN	+40	2.8	0.006	PASS
			VN	+30	2.3	0.005	PASS
			VN	+20	3.2	0.007	PASS
			VN	+10	1.8	0.004	PASS
			VN	0	4.0	0.008	PASS
			VN	-10	3.4	0.007	PASS
			VN	-20	2.6	0.005	PASS
			VN	-30	3.1	0.006	PASS



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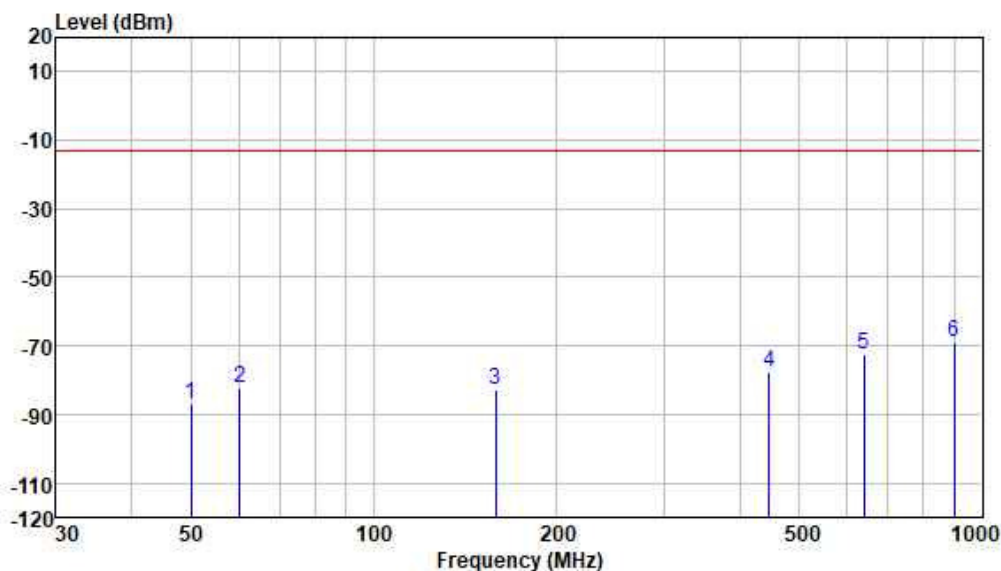
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10 Radiated Spurious emissions



Radiated Spurious emissions

DL_CW_MCH_30MHz-1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	50.06	-80.31	-6.81	-87.12	-13.00	-74.12	VERTICAL
2	60.07	-80.07	-2.10	-82.17	-13.00	-69.17	VERTICAL
3	158.67	-78.65	-3.94	-82.59	-13.00	-69.59	VERTICAL
4	446.41	-78.89	1.44	-77.45	-13.00	-64.45	VERTICAL
5	638.37	-76.85	4.62	-72.23	-13.00	-59.23	VERTICAL
6	900.15	-79.25	10.65	-68.60	-13.00	-55.60	VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

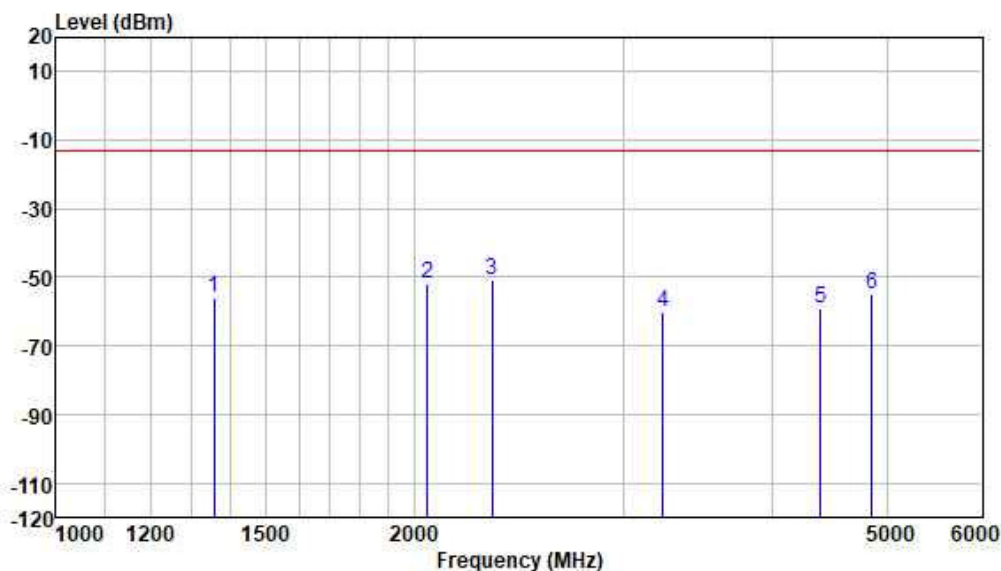


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Radiated Spurious emissions

DL_CW_MCH_above 1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1358.51	-60.47	4.33	-56.14	-13.00	-43.14	HORIZONTAL
2	2051.35	-61.61	9.74	-51.87	-13.00	-38.87	HORIZONTAL
3	2325.46	-60.51	9.57	-50.94	-13.00	-37.94	HORIZONTAL
4	3233.62	-62.38	2.23	-60.15	-13.00	-47.15	HORIZONTAL
5	4392.92	-63.52	4.45	-59.07	-13.00	-46.07	HORIZONTAL
6	4847.87	-63.52	8.83	-54.69	-13.00	-41.69	HORIZONTAL

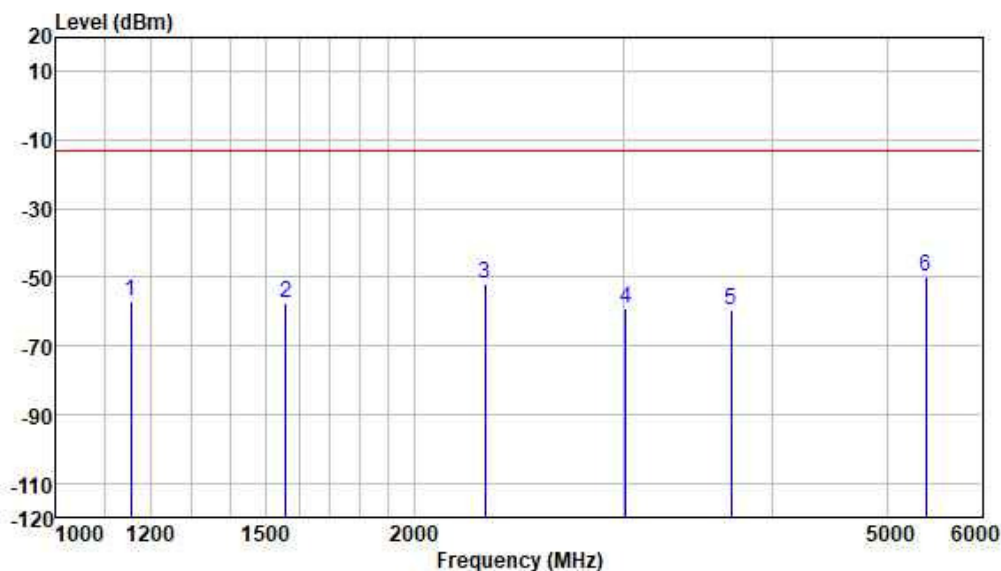
Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.



Radiated Spurious emissions

DL_CW_MCH_above 1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1156.19	-61.16	4.00	-57.16	-13.00	-44.16	VERTICAL
2	1559.49	-63.04	5.63	-57.41	-13.00	-44.41	VERTICAL
3	2292.37	-61.16	9.57	-51.59	-13.00	-38.59	VERTICAL
4	3009.98	-61.85	2.93	-58.92	-13.00	-45.92	VERTICAL
5	3692.09	-63.61	3.84	-59.77	-13.00	-46.77	VERTICAL
6	5378.78	-63.09	13.23	-49.86	-13.00	-36.86	VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

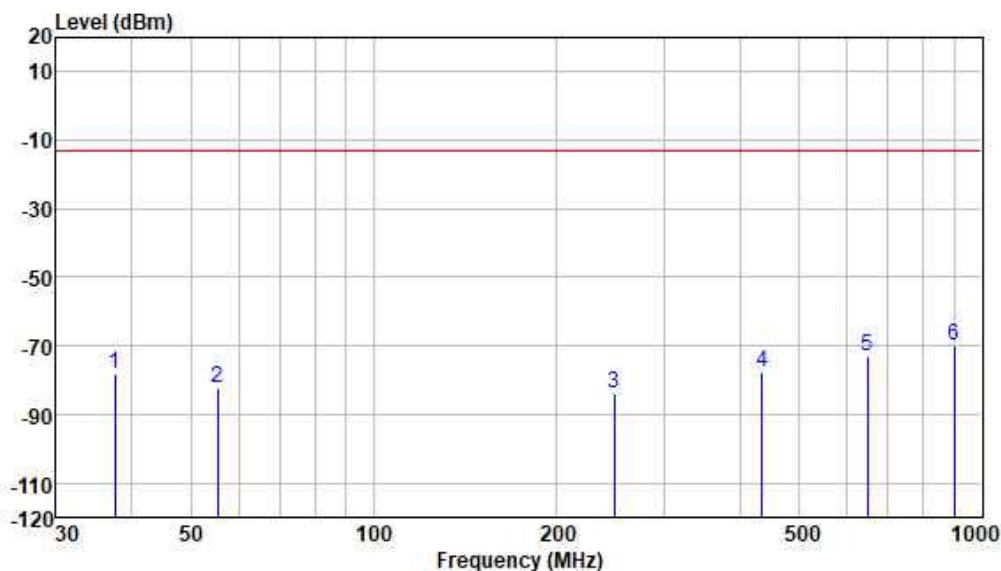


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Radiated Spurious emissions

UL_CW_MCH_30MHz-1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	37.55	-80.33	2.33	-78.00	-13.00	-65.00	HORIZONTAL
2	55.22	-80.20	-1.98	-82.18	-13.00	-69.18	HORIZONTAL
3	248.55	-78.37	-5.56	-83.93	-13.00	-70.93	HORIZONTAL
4	434.07	-77.87	0.21	-77.66	-13.00	-64.66	HORIZONTAL
5	647.39	-76.96	3.77	-73.19	-13.00	-60.19	HORIZONTAL
6	900.15	-79.27	9.45	-69.82	-13.00	-56.82	HORIZONTAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

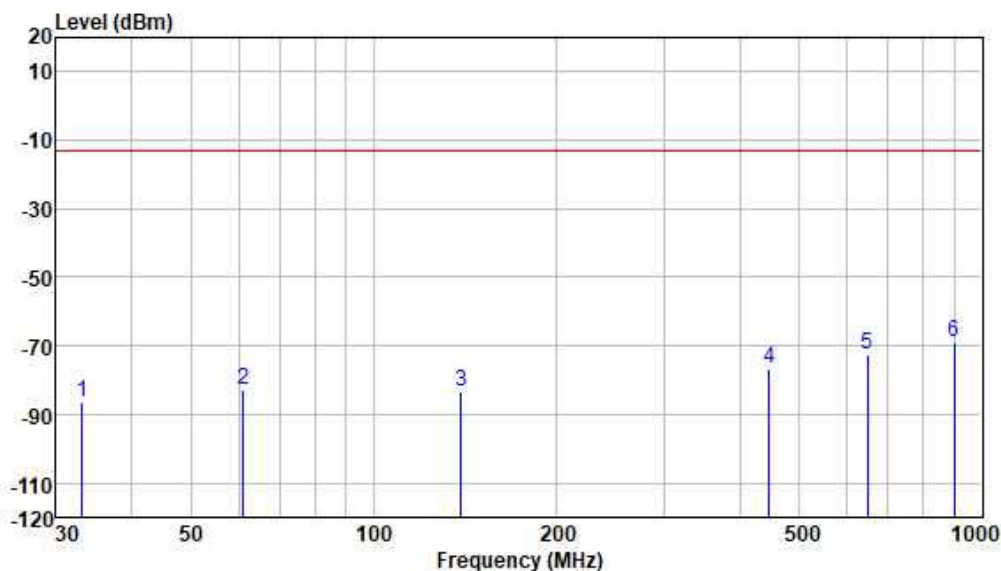


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Radiated Spurious emissions

UL_CW_MCH_30MHz-1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	33.09	-78.92	-7.26	-86.18	-13.00	-73.18	VERTICAL
2	60.92	-80.57	-2.47	-83.04	-13.00	-70.04	VERTICAL
3	138.87	-79.25	-3.93	-83.18	-13.00	-70.18	VERTICAL
4	446.41	-78.30	1.44	-76.86	-13.00	-63.86	VERTICAL
5	647.39	-77.31	4.70	-72.61	-13.00	-59.61	VERTICAL
6	900.15	-79.62	10.65	-68.97	-13.00	-55.97	VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

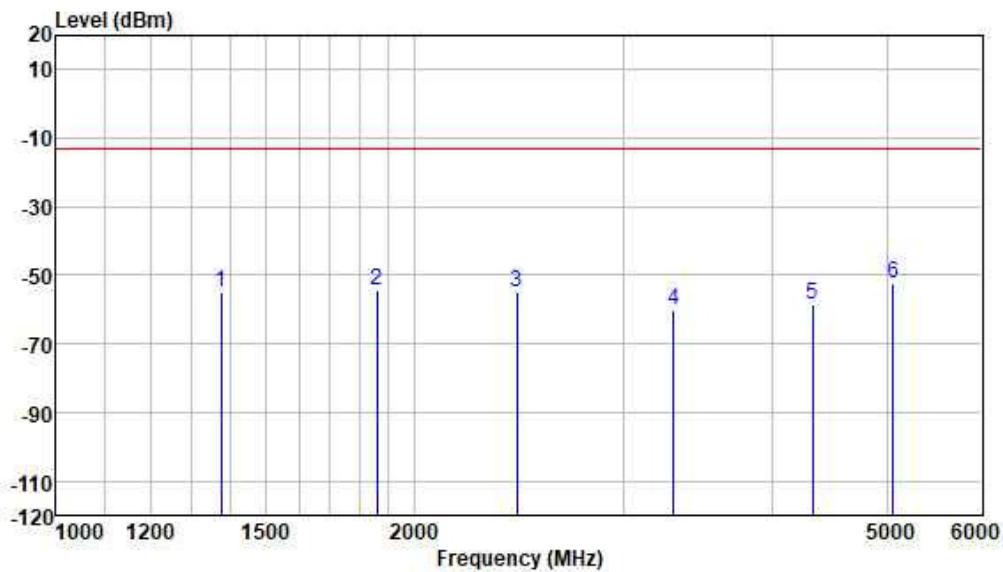


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Radiated Spurious emissions

UL_CW_MCH_above 1GHz_Horizontal



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1375.66	-59.44	4.46	-54.98	-13.00	-41.98	HORIZONTAL
2	1862.17	-60.78	6.19	-54.59	-13.00	-41.59	HORIZONTAL
3	2440.73	-63.60	8.86	-54.74	-13.00	-41.74	HORIZONTAL
4	3303.90	-62.44	2.22	-60.22	-13.00	-47.22	HORIZONTAL
5	4322.65	-62.87	4.33	-58.54	-13.00	-45.54	HORIZONTAL
6	5051.83	-63.66	11.50	-52.16	-13.00	-39.16	HORIZONTAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

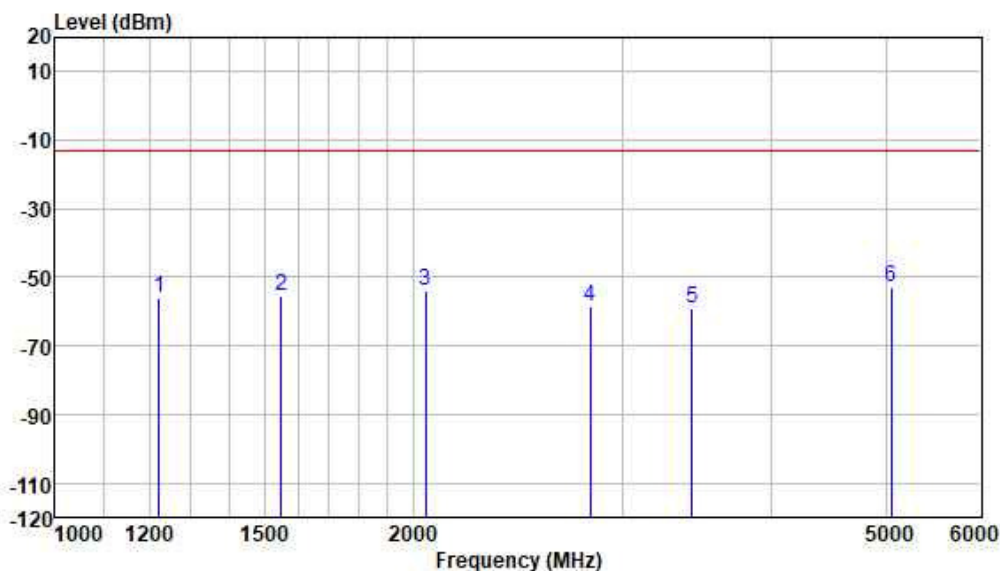


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Radiated Spurious emissions

UL_CW_MCH_above 1GHz_Vertical



	Freq	Read Level	Correction Factor	Level	Limit Line	Over Limit	Pol/Phase
	MHz	dBm	dB	dBm	dBm	dB	
1	1222.23	-59.25	3.44	-55.81	-13.00	-42.81	VERTICAL
2	1548.35	-61.33	6.02	-55.31	-13.00	-42.31	VERTICAL
3	2047.67	-62.67	8.77	-53.90	-13.00	-40.90	VERTICAL
4	2816.90	-62.85	4.17	-58.68	-13.00	-45.68	VERTICAL
5	3430.58	-62.33	3.31	-59.02	-13.00	-46.02	VERTICAL
6	5042.79	-63.39	10.50	-52.89	-13.00	-39.89	VERTICAL

Remark:

The spurious emissions 9kHz to 30MHz and above 18GHz were very low and not displayed in this report.

--End of Appendix--



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