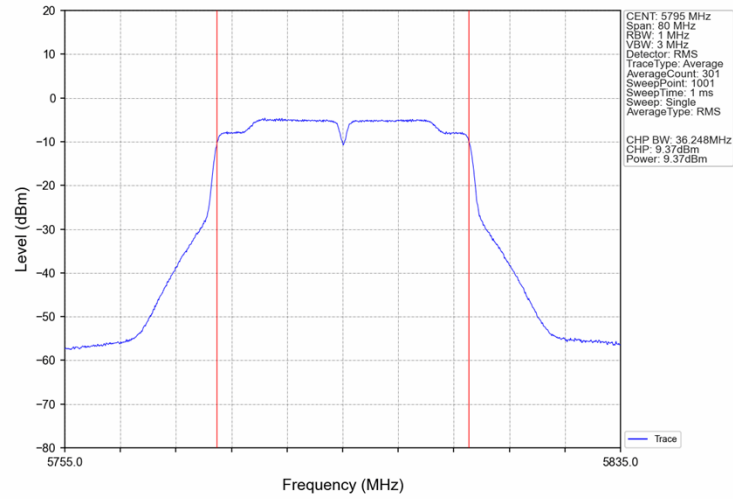


802.11n(HT40) HCH 5795MHz_Ant1_NTNV



4. Maximum Power Spectral Density

4.1 Test Result

4.1.1 PSD

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/MHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5180	-1.00	<=11	Pass
		5200	-2.16	<=11	Pass
		5240	-0.51	<=11	Pass
		5260	-1.98	<=11	Pass
		5300	-1.72	<=11	Pass
		5320	-1.98	<=11	Pass
		5500	-2.97	<=11	Pass
		5580	-1.20	<=11	Pass
		5700	-2.82	<=11	Pass
802.11n (HT20)	SISO	5180	-3.75	<=11	Pass
		5200	-2.37	<=11	Pass
		5240	-0.89	<=11	Pass
		5260	-2.18	<=11	Pass
		5300	-1.96	<=11	Pass
		5320	-2.29	<=11	Pass
		5500	-3.46	<=11	Pass
		5580	-1.74	<=11	Pass
802.11n (HT40)	SISO	5190	-5.81	<=11	Pass
		5230	-4.31	<=11	Pass
		5270	-5.52	<=11	Pass
		5310	-5.43	<=11	Pass
		5510	-6.63	<=11	Pass
		5550	-5.46	<=11	Pass
		5670	-6.38	<=11	Pass

Note1: Antenna Gain:
- Band: 2C Ant1: 4.87dBi;
- Band: 1 Ant1: 4.87dBi;
- Band: 3 Ant1: 4.87dBi;
- Band: 2A Ant1: 4.87dBi;

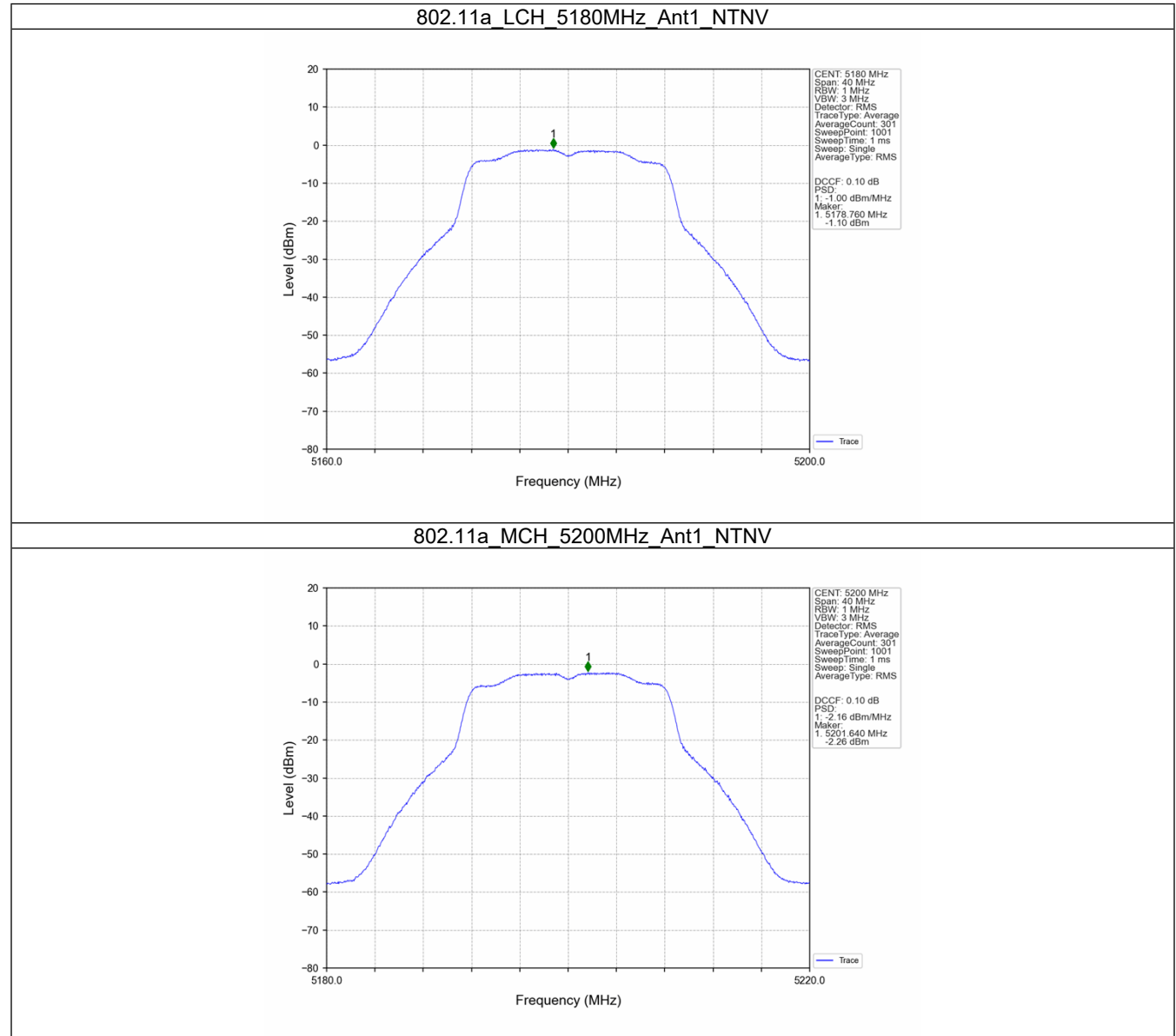
4.1.2 PSD-Band3

Mode	TX Type	Frequency (MHz)	Maximum PSD (dBm/500kHz)		Verdict
			ANT1	Limit	
802.11a	SISO	5745	-3.09	<=30	Pass
		5785	-3.94	<=30	Pass
		5825	-4.99	<=30	Pass
802.11n (HT20)	SISO	5745	-4.45	<=30	Pass
		5785	-4.32	<=30	Pass
		5825	-5.40	<=30	Pass
802.11n (HT40)	SISO	5755	-7.89	<=30	Pass
		5795	-7.61	<=30	Pass

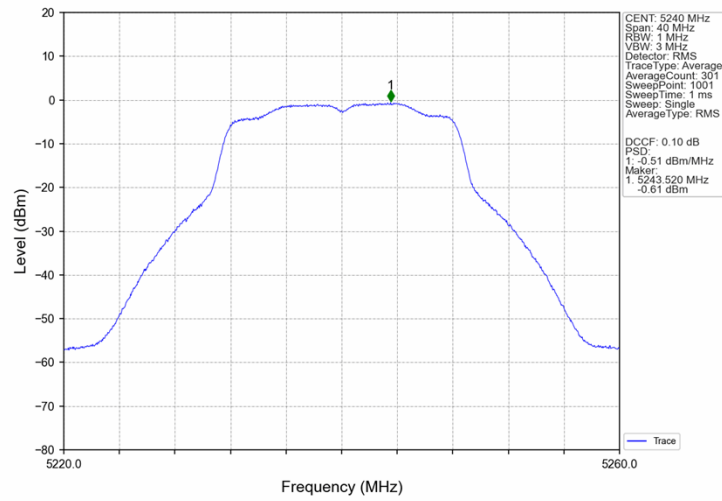
Note1: Antenna Gain:
- Band: 1 Ant1: 4.87dBi;
- Band: 3 Ant1: 4.87dBi;
- Band: 2A Ant1: 4.87dBi;
- Band: 2C Ant1: 4.87dBi;

4.2 Test Graph

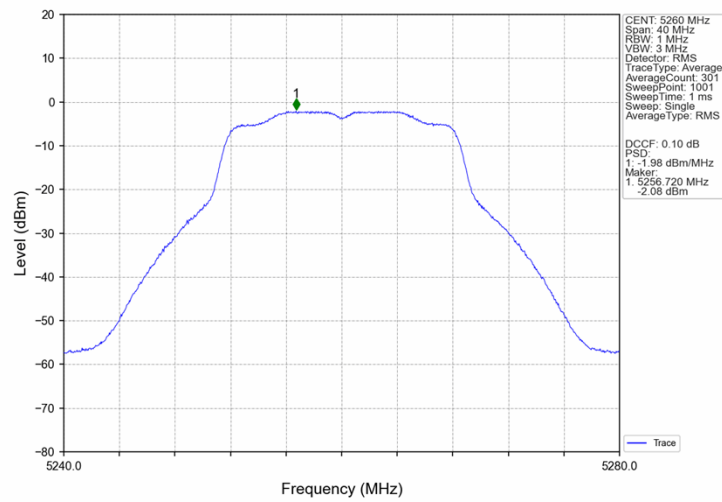
4.2.1 PSD



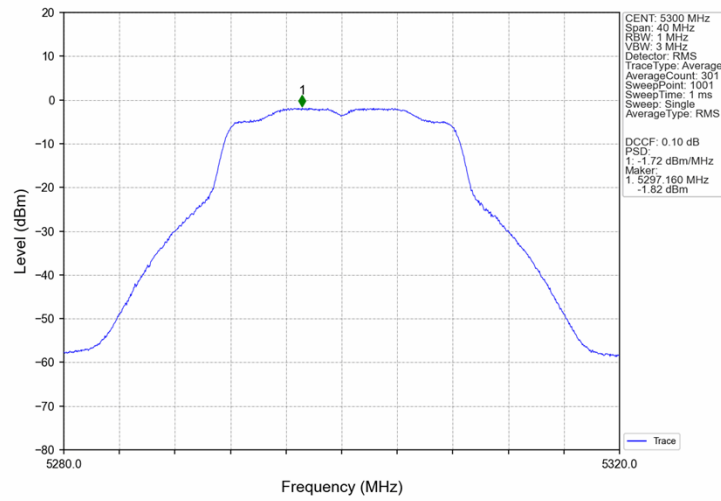
802.11a_HCH_5240MHz_Ant1_NTNV



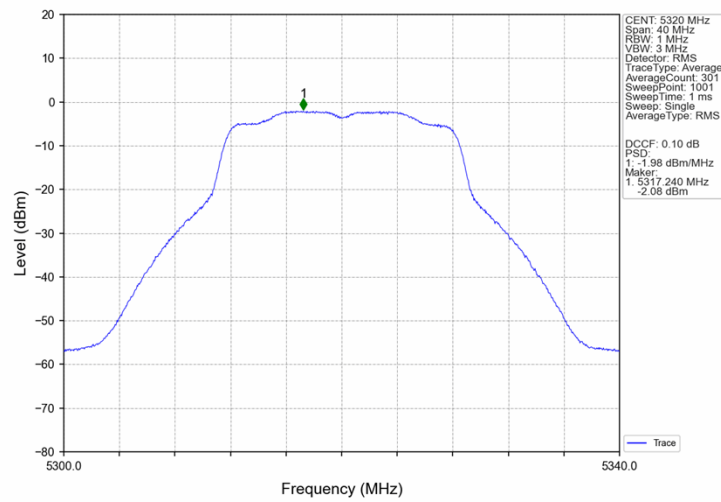
802.11a_LCH_5260MHz_Ant1_NTNV



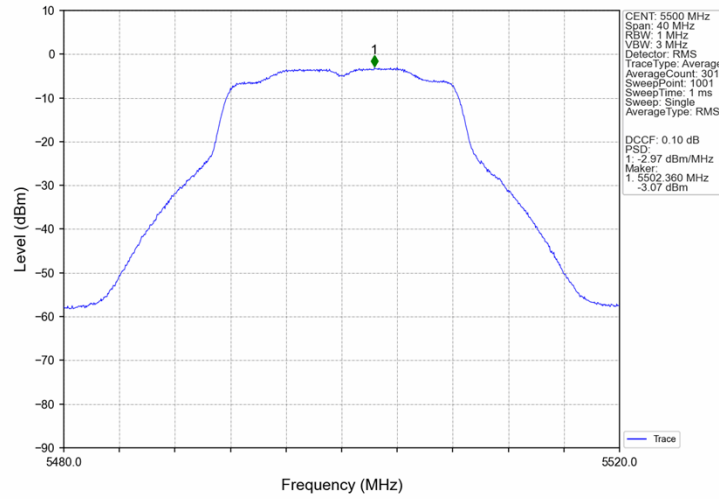
802.11a_MCH_5300MHz_Ant1_NTNV



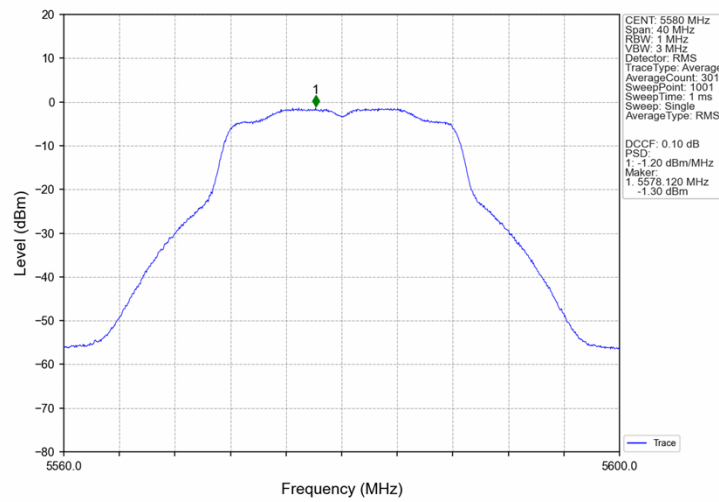
802.11a_HCH_5320MHz_Ant1_NTNV



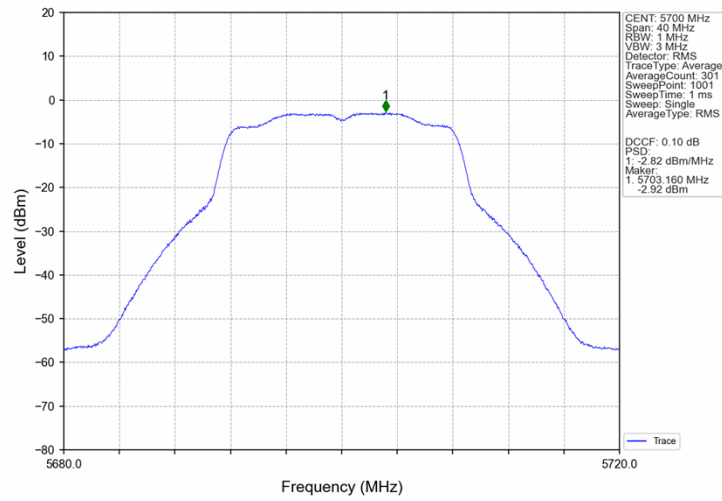
802.11a_LCH_5500MHz_Ant1_NTNV



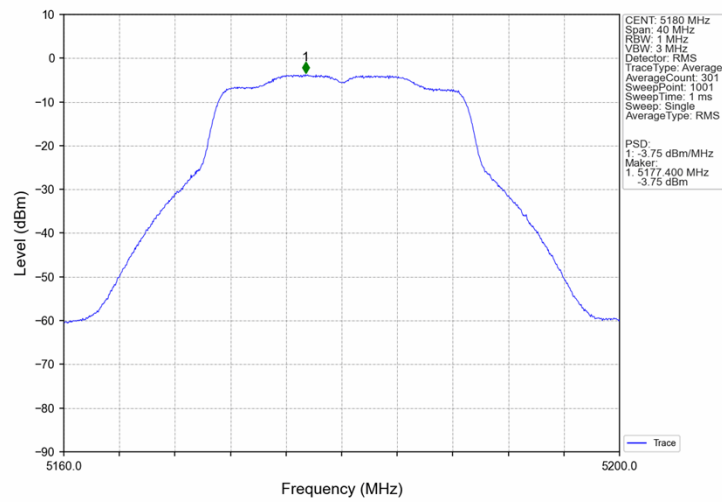
802.11a_MCH_5580MHz_Ant1_NTNV



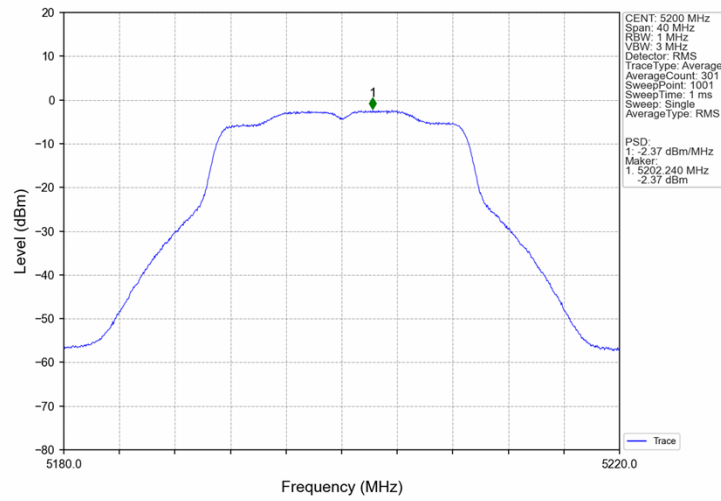
802.11a_HCH_5700MHz_Ant1_NTNV



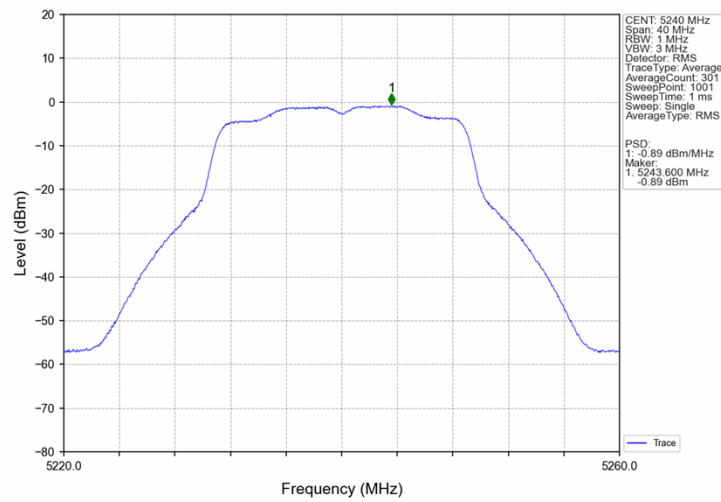
802.11n(HT20)_LCH_5180MHz_Ant1_NTNV



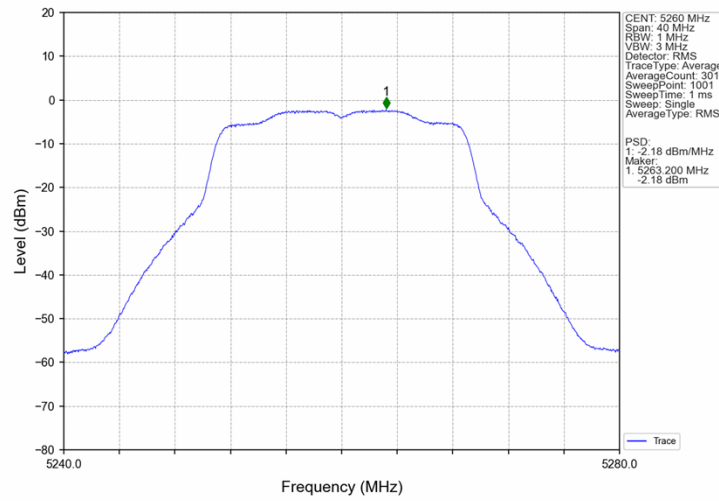
802.11n(HT20)_MCH_5200MHz_Ant1_NTNV



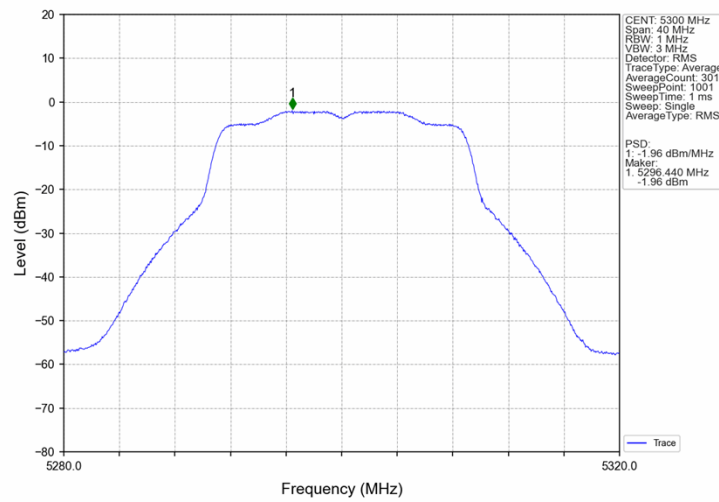
802.11n(HT20)_HCH_5240MHz_Ant1_NTNV



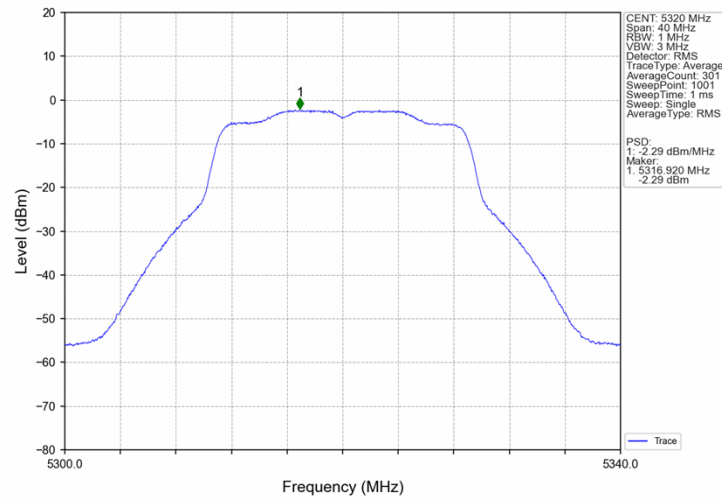
802.11n(HT20) LCH_5260MHz_Ant1_NTNV



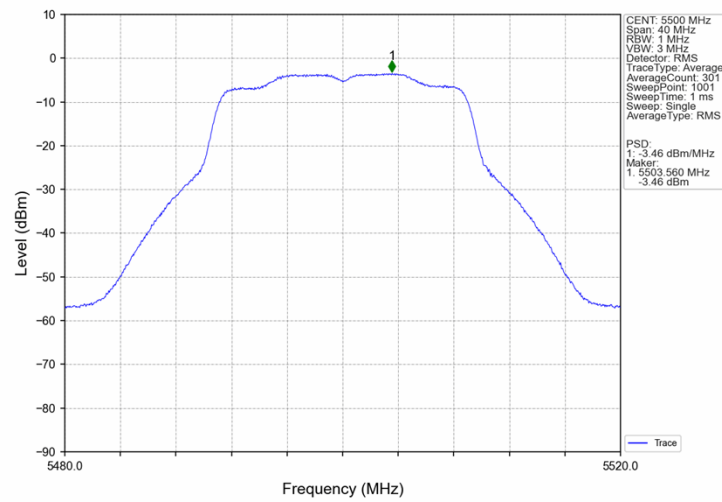
802.11n(HT20) MCH_5300MHz_Ant1_NTNV



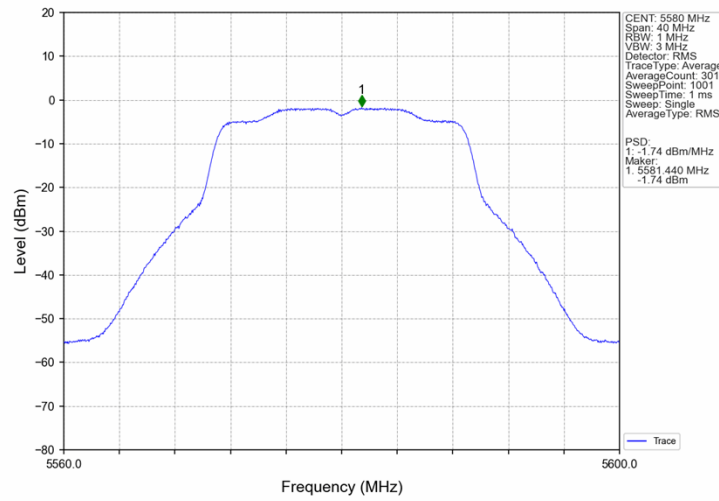
802.11n(HT20) HCH 5320MHz Ant1_NTNV



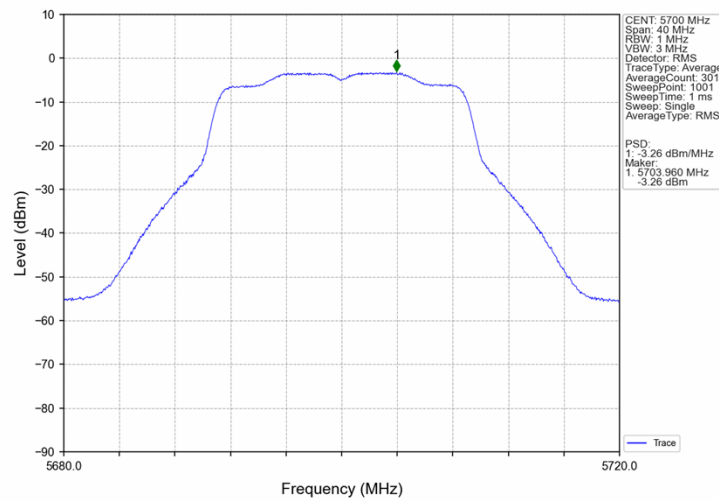
802.11n(HT20) LCH 5500MHz Ant1_NTNV



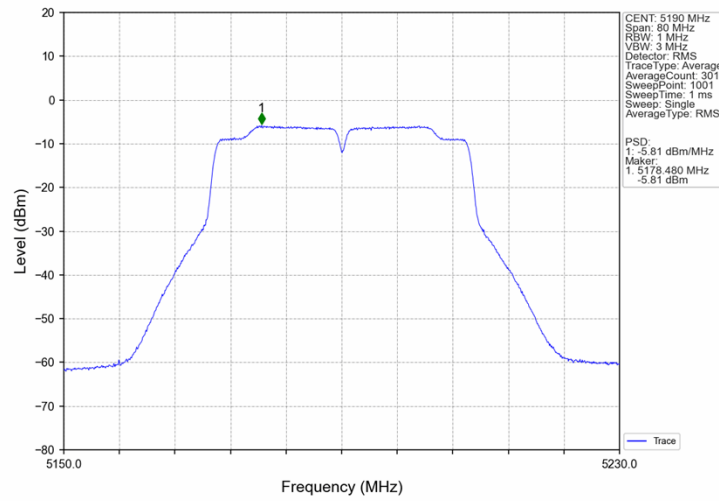
802.11n(HT20)_MCH_5580MHz_Ant1_NTNV



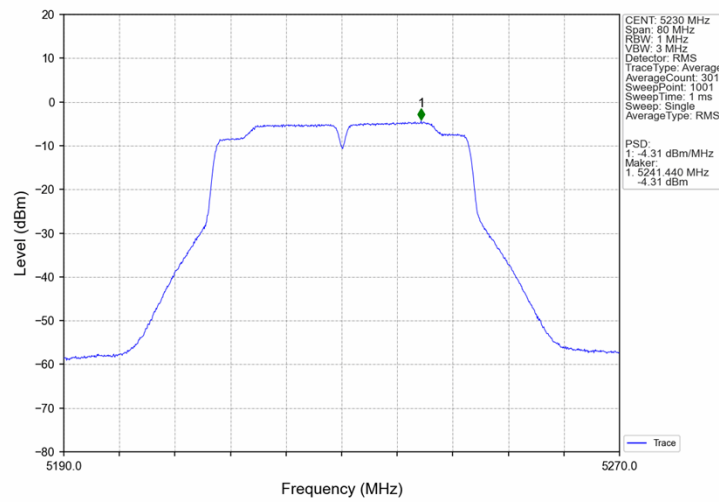
802.11n(HT20)_HCH_5700MHz_Ant1_NTNV



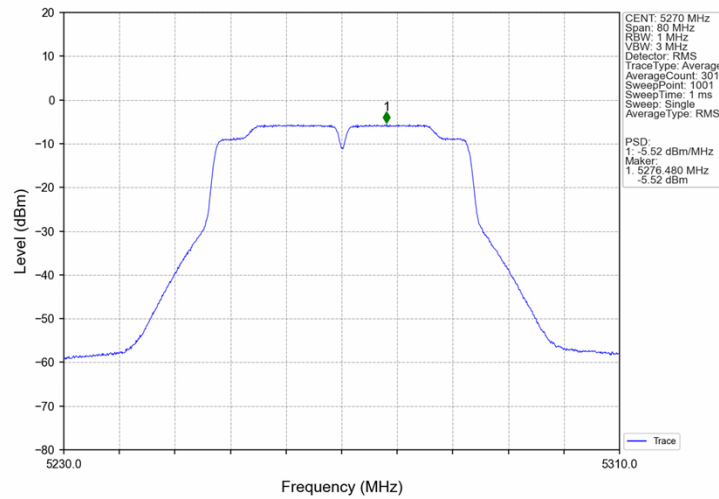
802.11n(HT40) LCH_5190MHz_Ant1_NTNV



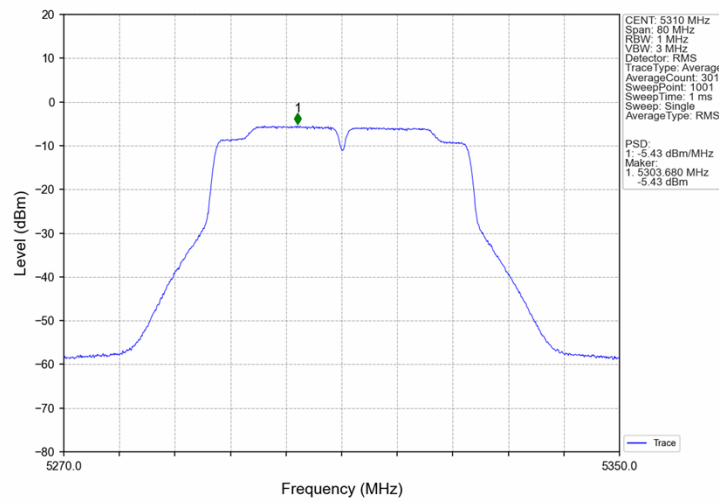
802.11n(HT40) HCH_5230MHz_Ant1_NTNV



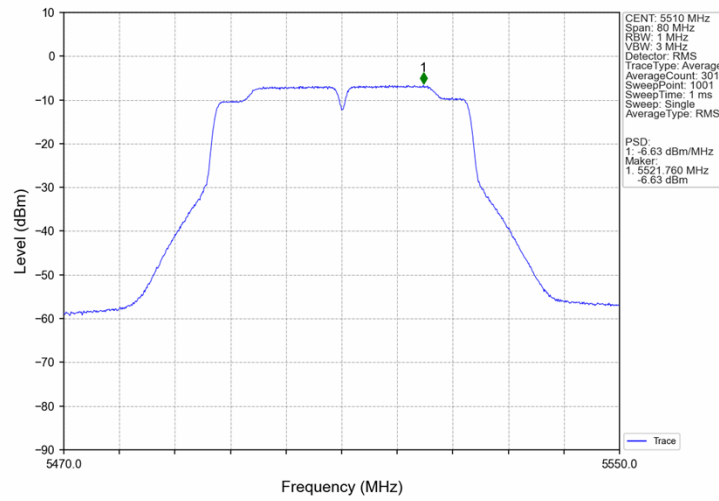
802.11n(HT40) LCH_5270MHz_Ant1_NTNV



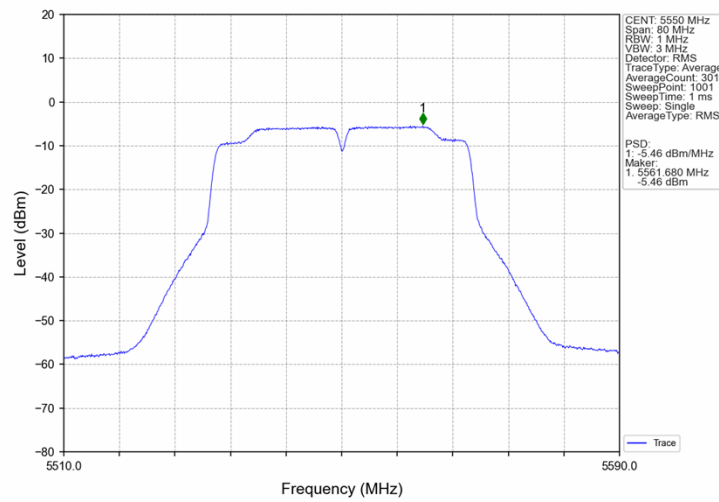
802.11n(HT40) HCH_5310MHz_Ant1_NTNV



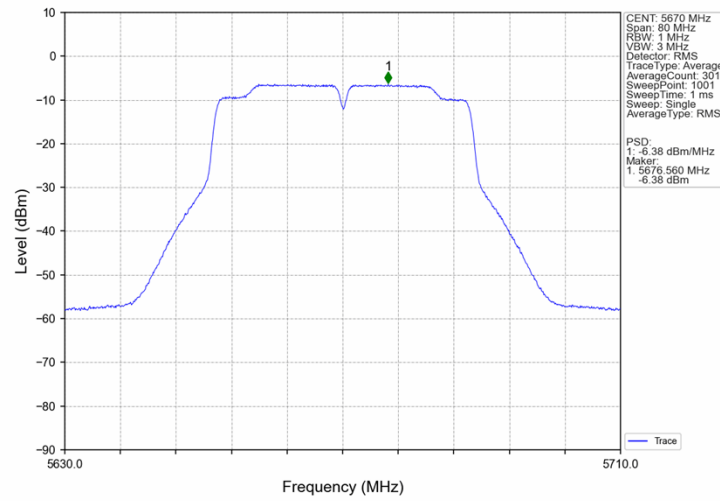
802.11n(HT40) LCH_5510MHz_Ant1_NTNV



802.11n(HT40) MCH_5550MHz_Ant1_NTNV

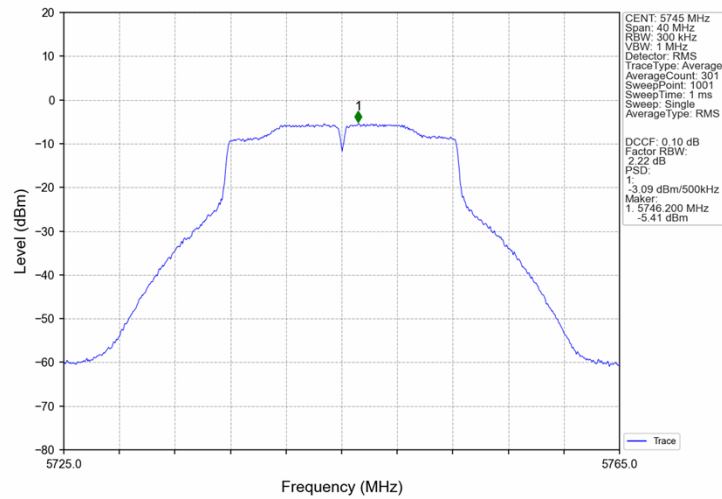


802.11n(HT40) HCH 5670MHz_Ant1_NTNV

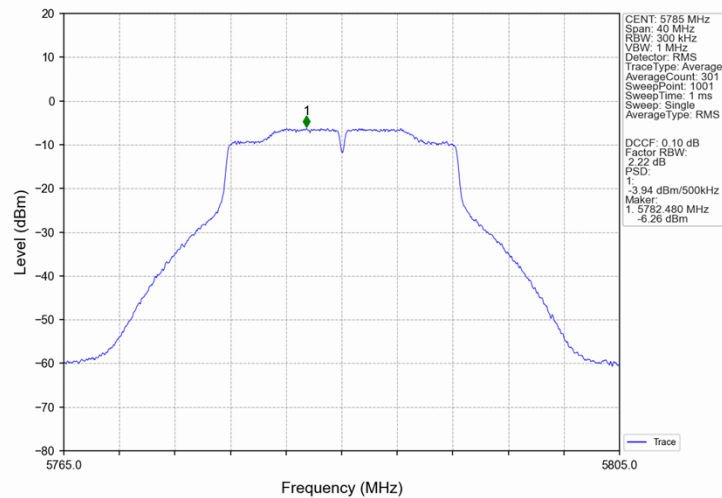


4.2.2 PSD-Band3

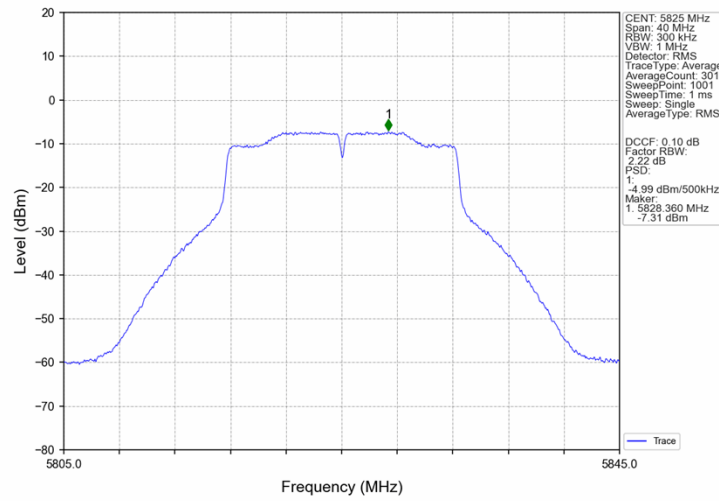
802.11a_LCH_5745MHz_Ant1_NTNV



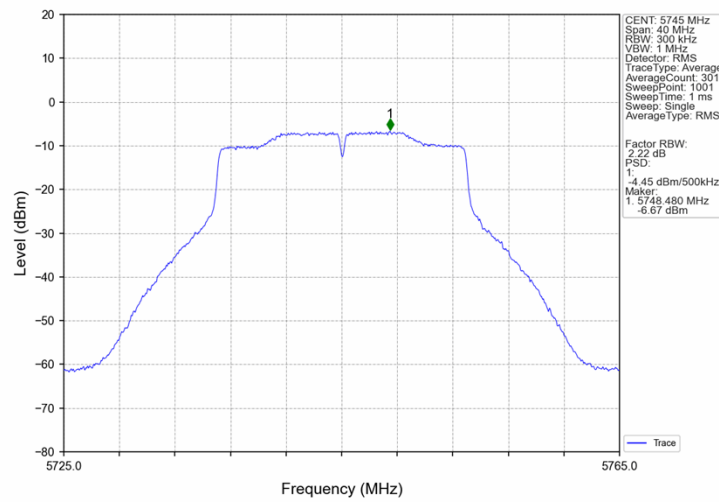
802.11a_MCH_5785MHz_Ant1_NTNV



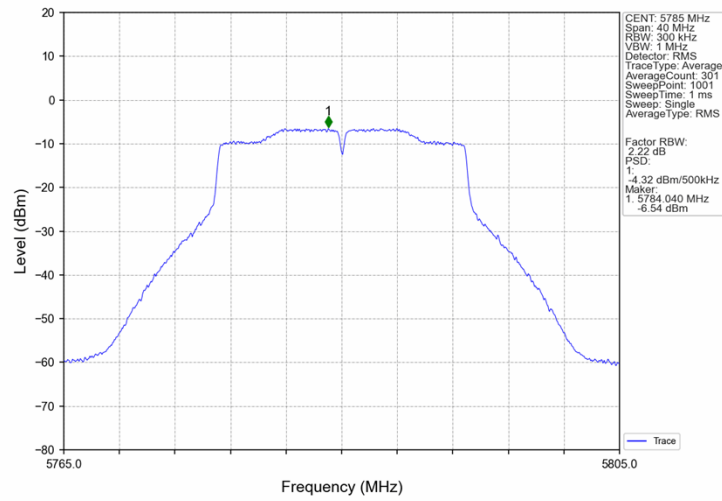
802.11a_HCH_5825MHz_Ant1_NTNV



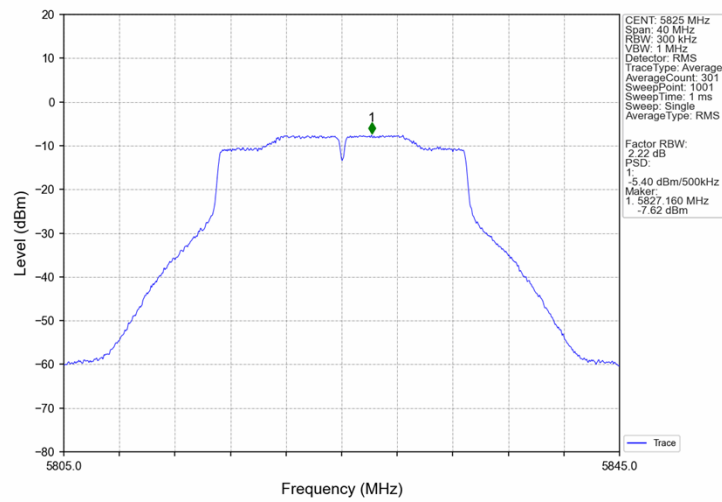
802.11n(HT20)_LCH_5745MHz_Ant1_NTNV



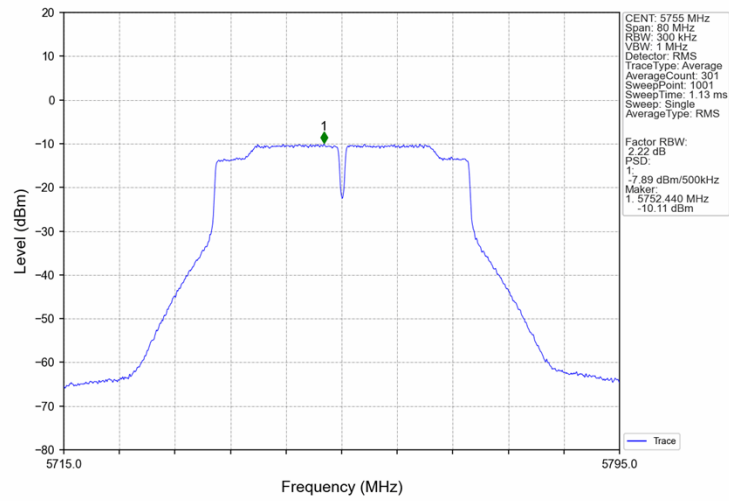
802.11n(HT20)_MCH_5785MHz_Ant1_NTNV



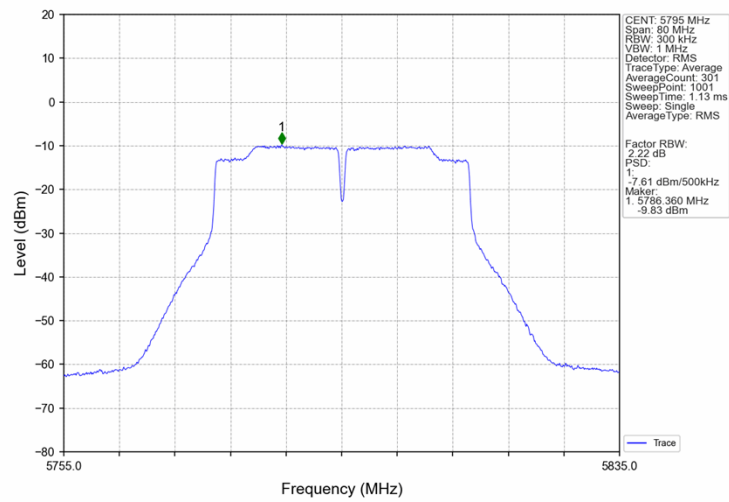
802.11n(HT20)_HCH_5825MHz_Ant1_NTNV



802.11n(HT40) LCH_5755MHz_Ant1_NTNV



802.11n(HT40) HCH_5795MHz_Ant1_NTNV



5. Frequency Stability

5.1 Test Result

5.1.1 Ant1

Mode	TX Type	Frequency (MHz)	Temperature (°C)	Ant1		Limit (MHz)	Verdict
				Voltage	Measured Frequency (MHz)		
Carrier Wave	SISO	5180	20	LV	5179.996	5150 to 5250	Pass
				NV	5179.999	5150 to 5250	Pass
				HV	5180.000	5150 to 5250	Pass
			-30	NV	5180.001	5150 to 5250	Pass
			-20	NV	5180.002	5150 to 5250	Pass
			-10	NV	5180.003	5150 to 5250	Pass
			0	NV	5180.003	5150 to 5250	Pass
			10	NV	5180.004	5150 to 5250	Pass
			30	NV	5180.004	5150 to 5250	Pass
			40	NV	5180.005	5150 to 5250	Pass
			50	NV	5180.005	5150 to 5250	Pass
		5200	20	LV	5200.005	5150 to 5250	Pass
				NV	5200.005	5150 to 5250	Pass
				HV	5200.006	5150 to 5250	Pass
			-30	NV	5200.007	5150 to 5250	Pass
			-20	NV	5200.007	5150 to 5250	Pass
			-10	NV	5200.007	5150 to 5250	Pass
			0	NV	5200.008	5150 to 5250	Pass
			10	NV	5200.008	5150 to 5250	Pass
			30	NV	5200.008	5150 to 5250	Pass
			40	NV	5200.008	5150 to 5250	Pass
			50	NV	5200.008	5150 to 5250	Pass
		5240	20	LV	5240.008	5150 to 5250	Pass
				NV	5240.010	5150 to 5250	Pass
				HV	5240.012	5150 to 5250	Pass
			-30	NV	5240.012	5150 to 5250	Pass
			-20	NV	5240.013	5150 to 5250	Pass
			-10	NV	5240.013	5150 to 5250	Pass
			0	NV	5240.013	5150 to 5250	Pass
			10	NV	5240.013	5150 to 5250	Pass
			30	NV	5240.014	5150 to 5250	Pass
			40	NV	5240.014	5150 to 5250	Pass
			50	NV	5240.014	5150 to 5250	Pass
		5260	20	LV	5259.999	5250 to 5350	Pass
				NV	5260.000	5250 to 5350	Pass
				HV	5260.002	5250 to 5350	Pass
			-30	NV	5260.003	5250 to 5350	Pass
			-20	NV	5260.004	5250 to 5350	Pass
			-10	NV	5260.005	5250 to 5350	Pass
			0	NV	5260.006	5250 to 5350	Pass
			10	NV	5260.006	5250 to 5350	Pass
			30	NV	5260.007	5250 to 5350	Pass
			40	NV	5260.008	5250 to 5350	Pass
			50	NV	5260.008	5250 to 5350	Pass
		5300	20	LV	5300.007	5250 to 5350	Pass
				NV	5300.008	5250 to 5350	Pass
				HV	5300.009	5250 to 5350	Pass
			-30	NV	5300.010	5250 to 5350	Pass
			-20	NV	5300.010	5250 to 5350	Pass
			-10	NV	5300.010	5250 to 5350	Pass

			0	NV	5300.011	5250 to 5350	Pass
			10	NV	5300.011	5250 to 5350	Pass
			30	NV	5300.011	5250 to 5350	Pass
			40	NV	5300.011	5250 to 5350	Pass
			50	NV	5300.012	5250 to 5350	Pass
		5320	20	LV	5320.007	5250 to 5350	Pass
				NV	5320.009	5250 to 5350	Pass
				HV	5320.009	5250 to 5350	Pass
			-30	NV	5320.010	5250 to 5350	Pass
			-20	NV	5320.010	5250 to 5350	Pass
			-10	NV	5320.010	5250 to 5350	Pass
			0	NV	5320.010	5250 to 5350	Pass
			10	NV	5320.011	5250 to 5350	Pass
			30	NV	5320.011	5250 to 5350	Pass
			40	NV	5320.011	5250 to 5350	Pass
			50	NV	5320.011	5250 to 5350	Pass
		5500	20	LV	5500.006	5470 to 5725	Pass
				NV	5500.012	5470 to 5725	Pass
				HV	5500.015	5470 to 5725	Pass
			-30	NV	5500.017	5470 to 5725	Pass
			-20	NV	5500.018	5470 to 5725	Pass
			-10	NV	5500.019	5470 to 5725	Pass
			0	NV	5500.020	5470 to 5725	Pass
			10	NV	5500.021	5470 to 5725	Pass
			30	NV	5500.021	5470 to 5725	Pass
			40	NV	5500.022	5470 to 5725	Pass
			50	NV	5500.022	5470 to 5725	Pass
		5580	20	LV	5580.010	5470 to 5725	Pass
				NV	5580.016	5470 to 5725	Pass
				HV	5580.019	5470 to 5725	Pass
			-30	NV	5580.020	5470 to 5725	Pass
			-20	NV	5580.021	5470 to 5725	Pass
			-10	NV	5580.021	5470 to 5725	Pass
			0	NV	5580.022	5470 to 5725	Pass
			10	NV	5580.022	5470 to 5725	Pass
			30	NV	5580.023	5470 to 5725	Pass
			40	NV	5580.023	5470 to 5725	Pass
			50	NV	5580.024	5470 to 5725	Pass
		5700	20	LV	5700.012	5470 to 5725	Pass
				NV	5700.018	5470 to 5725	Pass
				HV	5700.021	5470 to 5725	Pass
			-30	NV	5700.022	5470 to 5725	Pass
			-20	NV	5700.023	5470 to 5725	Pass
			-10	NV	5700.024	5470 to 5725	Pass
			0	NV	5700.024	5470 to 5725	Pass
			10	NV	5700.024	5470 to 5725	Pass
			30	NV	5700.025	5470 to 5725	Pass
			40	NV	5700.025	5470 to 5725	Pass
			50	NV	5700.025	5470 to 5725	Pass
		5745	20	LV	5745.005	5725 to 5850	Pass
				NV	5745.015	5725 to 5850	Pass
				HV	5745.018	5725 to 5850	Pass
			-30	NV	5745.020	5725 to 5850	Pass
			-20	NV	5745.022	5725 to 5850	Pass
			-10	NV	5745.024	5725 to 5850	Pass
			0	NV	5745.024	5725 to 5850	Pass
			10	NV	5745.025	5725 to 5850	Pass
			30	NV	5745.026	5725 to 5850	Pass
			40	NV	5745.027	5725 to 5850	Pass

		5785	50	NV	5745.027	5725 to 5850	Pass
			20	LV	5785.020	5725 to 5850	Pass
				NV	5785.023	5725 to 5850	Pass
				HV	5785.026	5725 to 5850	Pass
			-30	NV	5785.029	5725 to 5850	Pass
			-20	NV	5785.029	5725 to 5850	Pass
			-10	NV	5785.031	5725 to 5850	Pass
			0	NV	5785.031	5725 to 5850	Pass
			10	NV	5785.032	5725 to 5850	Pass
			30	NV	5785.033	5725 to 5850	Pass
			40	NV	5785.033	5725 to 5850	Pass
			50	NV	5785.033	5725 to 5850	Pass
		5825	20	LV	5825.024	5725 to 5850	Pass
				NV	5825.029	5725 to 5850	Pass
				HV	5825.032	5725 to 5850	Pass
			-30	NV	5825.033	5725 to 5850	Pass
			-20	NV	5825.034	5725 to 5850	Pass
			-10	NV	5825.035	5725 to 5850	Pass
			0	NV	5825.036	5725 to 5850	Pass
			10	NV	5825.037	5725 to 5850	Pass
			30	NV	5825.037	5725 to 5850	Pass
			40	NV	5825.037	5725 to 5850	Pass
			50	NV	5825.038	5725 to 5850	Pass
		5190	20	LV	5190.015	5150 to 5250	Pass
				NV	5190.015	5150 to 5250	Pass
				HV	5190.015	5150 to 5250	Pass
			-30	NV	5190.015	5150 to 5250	Pass
			-20	NV	5190.015	5150 to 5250	Pass
			-10	NV	5190.014	5150 to 5250	Pass
			0	NV	5190.014	5150 to 5250	Pass
			10	NV	5190.014	5150 to 5250	Pass
			30	NV	5190.014	5150 to 5250	Pass
			40	NV	5190.014	5150 to 5250	Pass
			50	NV	5190.014	5150 to 5250	Pass
		5230	20	LV	5230.012	5150 to 5250	Pass
				NV	5230.013	5150 to 5250	Pass
				HV	5230.014	5150 to 5250	Pass
			-30	NV	5230.015	5150 to 5250	Pass
			-20	NV	5230.015	5150 to 5250	Pass
			-10	NV	5230.015	5150 to 5250	Pass
			0	NV	5230.016	5150 to 5250	Pass
			10	NV	5230.016	5150 to 5250	Pass
			30	NV	5230.016	5150 to 5250	Pass
			40	NV	5230.016	5150 to 5250	Pass
			50	NV	5230.016	5150 to 5250	Pass
		5270	20	LV	5270.009	5250 to 5350	Pass
				NV	5270.012	5250 to 5350	Pass
				HV	5270.013	5250 to 5350	Pass
			-30	NV	5270.014	5250 to 5350	Pass
			-20	NV	5270.015	5250 to 5350	Pass
			-10	NV	5270.015	5250 to 5350	Pass
			0	NV	5270.016	5250 to 5350	Pass
			10	NV	5270.016	5250 to 5350	Pass
			30	NV	5270.016	5250 to 5350	Pass
			40	NV	5270.017	5250 to 5350	Pass
			50	NV	5270.017	5250 to 5350	Pass
		5310	20	LV	5310.013	5250 to 5350	Pass
				NV	5310.014	5250 to 5350	Pass
				HV	5310.014	5250 to 5350	Pass

			-30	NV	5310.014	5250 to 5350	Pass
			-20	NV	5310.015	5250 to 5350	Pass
			-10	NV	5310.015	5250 to 5350	Pass
			0	NV	5310.015	5250 to 5350	Pass
			10	NV	5310.015	5250 to 5350	Pass
			30	NV	5310.015	5250 to 5350	Pass
			40	NV	5310.015	5250 to 5350	Pass
			50	NV	5310.015	5250 to 5350	Pass
		5510	20	LV	5510.008	5470 to 5725	Pass
				NV	5510.017	5470 to 5725	Pass
				HV	5510.020	5470 to 5725	Pass
			-30	NV	5510.022	5470 to 5725	Pass
			-20	NV	5510.024	5470 to 5725	Pass
			-10	NV	5510.025	5470 to 5725	Pass
			0	NV	5510.025	5470 to 5725	Pass
			10	NV	5510.026	5470 to 5725	Pass
			30	NV	5510.027	5470 to 5725	Pass
			40	NV	5510.027	5470 to 5725	Pass
			50	NV	5510.028	5470 to 5725	Pass
		5550	20	LV	5550.024	5470 to 5725	Pass
				NV	5550.026	5470 to 5725	Pass
				HV	5550.028	5470 to 5725	Pass
			-30	NV	5550.029	5470 to 5725	Pass
			-20	NV	5550.029	5470 to 5725	Pass
			-10	NV	5550.030	5470 to 5725	Pass
			0	NV	5550.030	5470 to 5725	Pass
			10	NV	5550.030	5470 to 5725	Pass
			30	NV	5550.030	5470 to 5725	Pass
			40	NV	5550.031	5470 to 5725	Pass
			50	NV	5550.031	5470 to 5725	Pass
		5670	20	LV	5670.016	5470 to 5725	Pass
				NV	5670.021	5470 to 5725	Pass
				HV	5670.023	5470 to 5725	Pass
			-30	NV	5670.024	5470 to 5725	Pass
			-20	NV	5670.024	5470 to 5725	Pass
			-10	NV	5670.025	5470 to 5725	Pass
			0	NV	5670.025	5470 to 5725	Pass
			10	NV	5670.025	5470 to 5725	Pass
			30	NV	5670.025	5470 to 5725	Pass
			40	NV	5670.025	5470 to 5725	Pass
			50	NV	5670.025	5470 to 5725	Pass
		5755	20	LV	5755.007	5725 to 5850	Pass
				NV	5755.016	5725 to 5850	Pass
				HV	5755.021	5725 to 5850	Pass
			-30	NV	5755.024	5725 to 5850	Pass
			-20	NV	5755.026	5725 to 5850	Pass
			-10	NV	5755.027	5725 to 5850	Pass
			0	NV	5755.028	5725 to 5850	Pass
			10	NV	5755.029	5725 to 5850	Pass
			30	NV	5755.030	5725 to 5850	Pass
			40	NV	5755.031	5725 to 5850	Pass
			50	NV	5755.032	5725 to 5850	Pass
		5795	20	LV	5795.018	5725 to 5850	Pass
				NV	5795.028	5725 to 5850	Pass
				HV	5795.031	5725 to 5850	Pass
			-30	NV	5795.033	5725 to 5850	Pass
			-20	NV	5795.035	5725 to 5850	Pass
			-10	NV	5795.036	5725 to 5850	Pass
			0	NV	5795.037	5725 to 5850	Pass



			10	NV	5795.038	5725 to 5850	Pass
			30	NV	5795.038	5725 to 5850	Pass
			40	NV	5795.039	5725 to 5850	Pass
			50	NV	5795.039	5725 to 5850	Pass