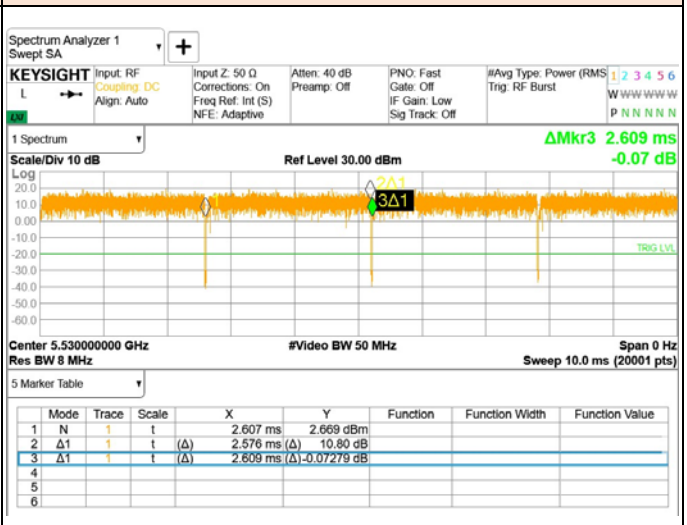
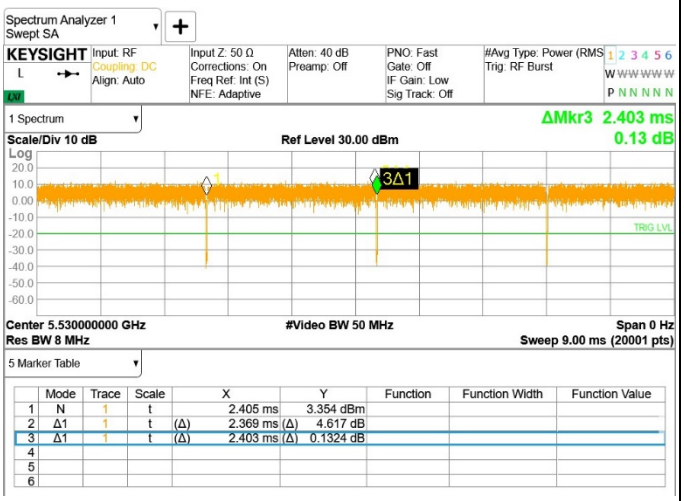
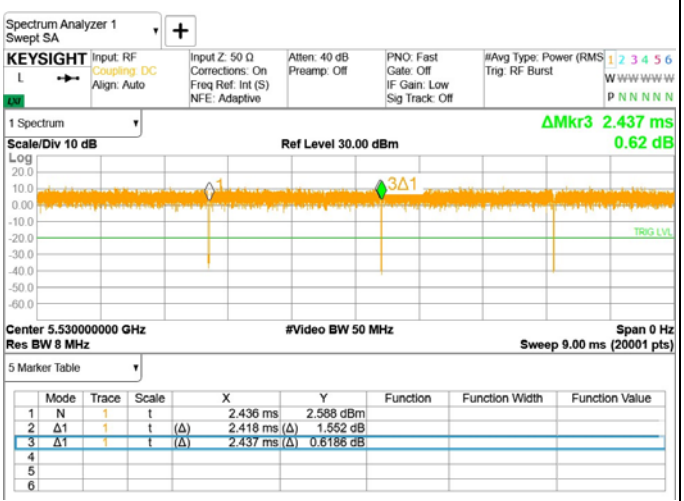
802.11ax HE80	
ALL	
26T	52T
	
106T	242T
	
484T	996T/SU
	

2.5 26 dB and 99 % Bandwidth

[Test Data of 26 dB Bandwidth]

Band	Test Mode	Channel	Frequency [MHz]	Tones	RU offset	26 dB BW [MHz]	
						ANT1	ANT2
U-NII-1	802.11ax HE20	Lowest	5 180	26T	0	19.43	19.59
					4	18.29	18.32
					8	19.60	19.58
				242T/SU	61	22.37	21.84
		Middle	5 220	26T	0	19.52	19.43
					4	18.49	18.23
					8	19.69	19.53
				242T/SU	61	21.08	21.71
		Highest	5 240	26T	0	19.71	19.52
					4	18.27	18.07
					8	19.61	19.75
				242T/SU	61	21.11	21.75
	802.11ax HE40	Lowest	5 190	26T	0	39.67	39.71
					9	38.11	38.00
					17	39.37	39.90
				484T/SU	65	42.54	43.18
		Highest	5 230	26T	0	39.97	39.83
					9	37.88	38.07
					17	39.23	39.02
				484T/SU	65	42.78	43.03
	802.11ax HE80	Middle	5 210	26T	0	81.30	81.08
					18	78.15	78.07
					36	81.04	80.68
				996T/SU	67	86.82	86.13

Band	Test Mode	Channel	Frequency [MHz]	Tones	RU offset	26 dB BW [MHz]	
						ANT1	ANT2
U-NII-2A	802.11ax HE20	Lowest	5 260	26T	0	19.80	19.77
					4	18.41	18.31
					8	19.48	19.68
				242T/SU	61	21.18	21.88
		Middle	5 300	26T	0	19.64	19.55
					4	18.15	18.28
					8	19.70	19.67
				242T/SU	61	21.45	21.78
		Highest	5 320	26T	0	19.61	19.72
					4	18.30	17.94
					8	19.62	19.62
				242T/SU	61	21.02	21.38
	802.11ax HE40	Lowest	5 270	26T	0	39.66	39.72
					9	38.00	38.00
					17	39.52	39.53
				484T/SU	65	42.93	42.97
		Highest	5 310	26T	0	39.79	39.67
					9	38.14	38.00
					17	39.34	39.55
				484T/SU	65	43.07	43.09
	802.11ax HE80	Middle	5 290	26T	0	81.09	81.72
					18	78.42	78.25
					36	80.22	81.12
				996T/SU	67	86.99	85.47

Band	Test Mode	Channel	Frequency [MHz]	Tones	RU offset	26 dB BW [MHz]	
						ANT1	ANT2
U-NII-2C	802.11ax HE20	Lowest	5 500	26T	0	19.51	19.47
					4	18.40	18.17
					8	19.21	19.42
				242T/SU	61	21.04	21.23
		Middle	5 600	26T	0	19.55	19.62
					4	18.51	18.20
					8	19.54	19.72
				242T/SU	61	21.17	21.55
		Highest	5 700	26T	0	19.87	19.66
					4	18.50	18.19
					8	19.52	19.34
				242T/SU	61	21.00	21.44
	802.11ax HE40	Lowest	5 510	26T	0	39.78	40.05
					9	37.77	37.93
					17	39.47	39.71
				484T/SU	65	43.26	42.89
		Middle	5 590	26T	0	39.79	39.71
					9	38.18	38.00
					17	39.45	39.67
				484T/SU	65	42.73	42.14
		Highest	5 670	26T	0	39.55	39.75
					9	38.08	38.11
					17	39.55	39.66
				484T/SU	65	42.39	43.87
	802.11ax HE80	Lowest	5 530	26T	0	81.43	81.12
					18	78.51	78.05
					36	80.74	81.22
				996T/SU	67	87.38	86.04
		Highest	5 610	26T	0	81.73	81.20
					18	78.24	78.19
					36	81.08	80.39
				996T/SU	67	87.26	87.25

Band	Test Mode	Frequency [MHz]	Tones	RU offset	26 dB BW [MHz]			
					ANT1		ANT2	
					U-NII-2C	U-NII-3	U-NII-2C	U-NII-3
Straddle Channel	802.11ax HE20	5 720	26T	6	14.19	4.12	13.94	4.07
		5 720	242T/SU	61	15.66	5.48	15.83	5.68
	802.11ax HE40	5 710	26T	16	34.01	3.95	33.95	4.07
		5 710	484T/SU	65	35.99	6.02	36.75	6.34
	802.11ax HE80	5 690	26T	35	74.08	5.47	73.97	6.05
		5 690	996T/SU	67	76.86	7.75	77.56	7.62

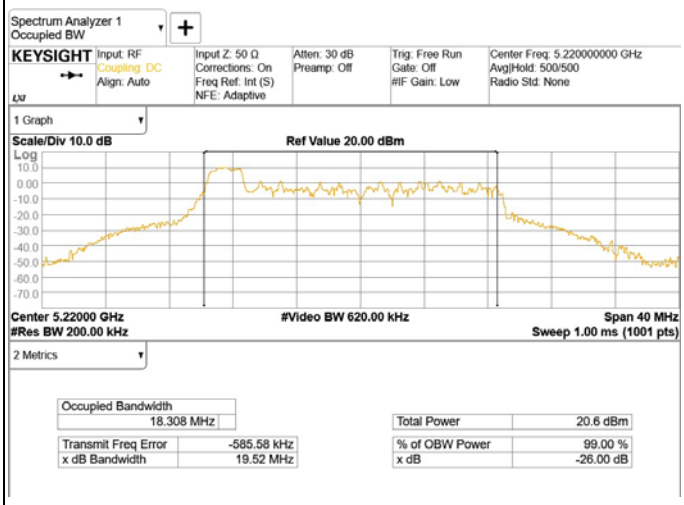
[Test Data of 99 % Bandwidth]

Band	Test Mode	Channel	Frequency [MHz]	Tones	RU offset	99 % BW [MHz]	
						ANT1	ANT2
U-NII-1	802.11ax HE20	Lowest	5 180	242T/SU	61	18.96	18.98
		Middle	5 220			18.95	19.00
		Highest	5 240			18.95	18.98
	802.11ax HE40	Lowest	5 190	484T/SU	65	37.93	37.94
		Highest	5 230			38.00	37.92
	802.11ax HE80	Middle	5 210	996T/SU	67	77.67	77.55
U-NII-2A	802.11ax HE20	Lowest	5 260	242T/SU	61	18.96	18.99
		Middle	5 300			18.96	18.98
		Highest	5 320			18.96	18.99
	802.11ax HE40	Lowest	5 270	484T/SU	65	37.95	37.96
		Highest	5 310			37.92	37.95
	802.11ax HE80	Middle	5 290	996T/SU	67	77.65	77.61
U-NII-2C	802.11ax HE20	Lowest	5 500	242T/SU	61	18.94	18.99
		Middle	5 600			18.95	18.98
		Highest	5 700			18.95	18.98
	802.11ax HE40	Lowest	5 510	484T/SU	65	37.93	37.92
		Middle	5 590			37.99	37.95
		Highest	5 670			37.99	37.94
	802.11ax HE80	Lowest	5 530	996T/SU	67	77.57	77.44
		Highest	5 610			77.56	77.67
Straddle	802.11ax HE20	Middle	5 720	242T/SU	61	18.96	18.96
	802.11ax HE40	Middle	5 710	484T/SU	65	37.77	37.79
	802.11ax HE80	Middle	5 690	996T/SU	67	77.26	77.28
U-NII-3	802.11ax HE20	Lowest	5 745	242T/SU	61	18.94	18.99
		Middle	5 805			18.94	18.97
		Highest	5 825			18.95	18.96
	802.11ax HE40	Lowest	5 755	484T/SU	65	37.92	37.91
		Highest	5 795			37.91	37.94
	802.11ax HE80	Middle	5 775	996T/SU	67	77.51	77.51

Test Plot of 26 dB & 99 % Bandwidth

Band	UNII-1
Mode	HE20
Frequency	5220 MHz
Ant	1

0RU



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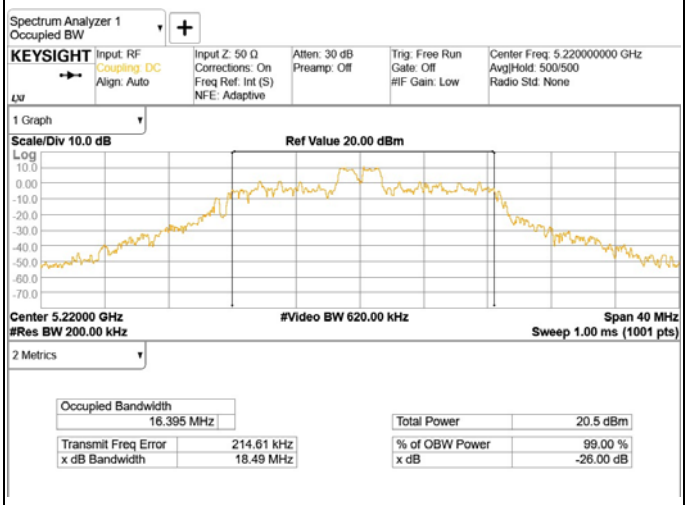

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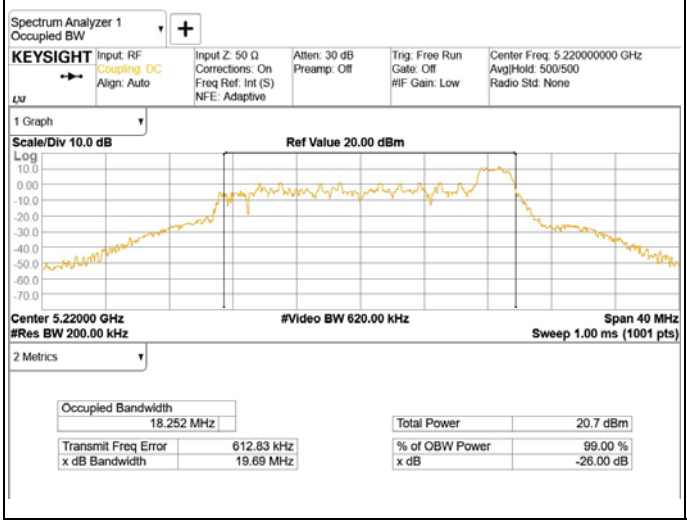

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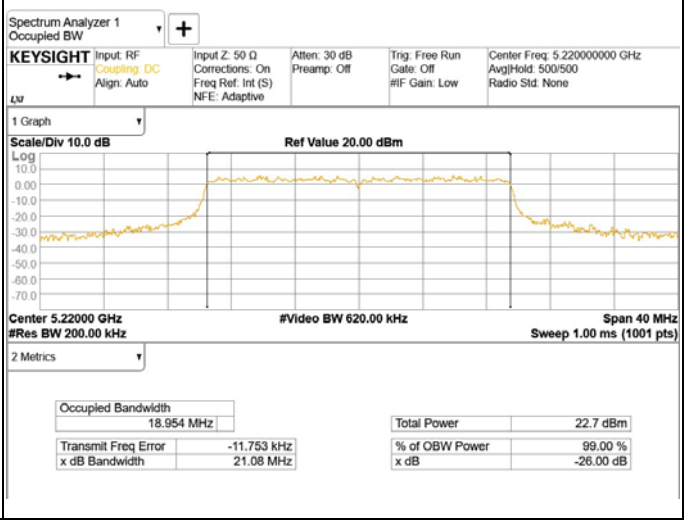

Band	UNII-1
Mode	HE20
Frequency	5240 MHz
Ant	1

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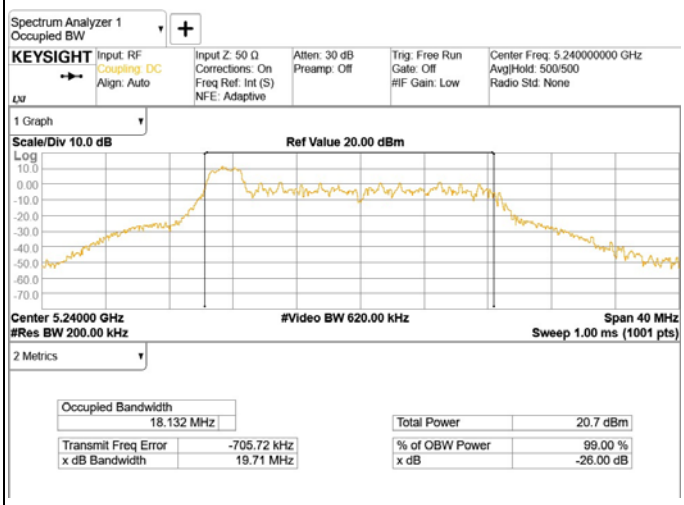

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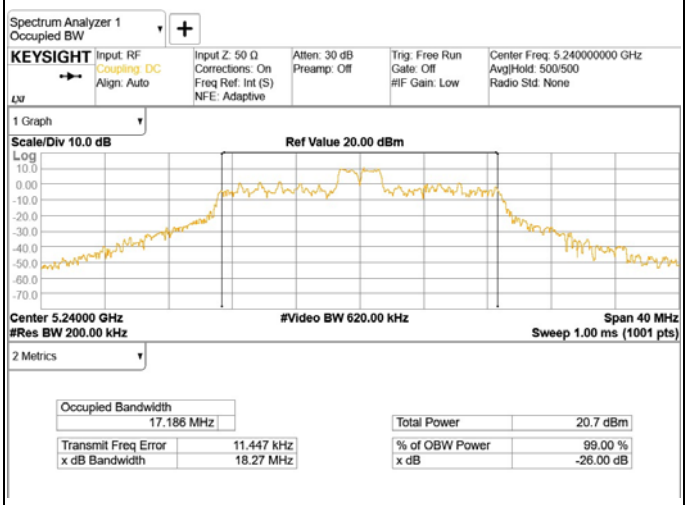

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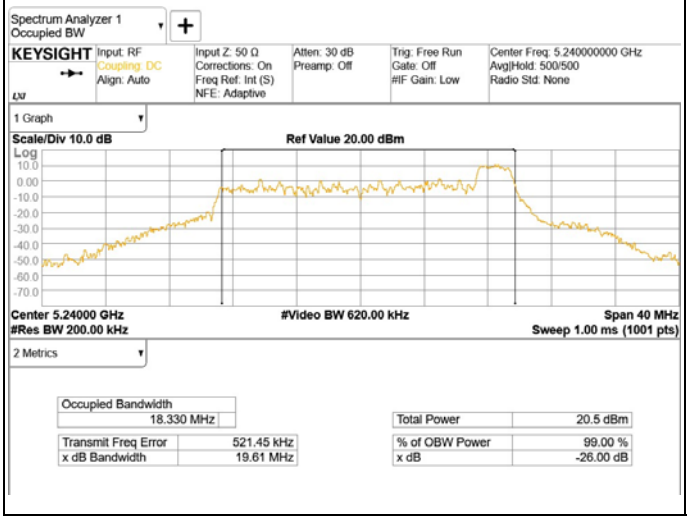

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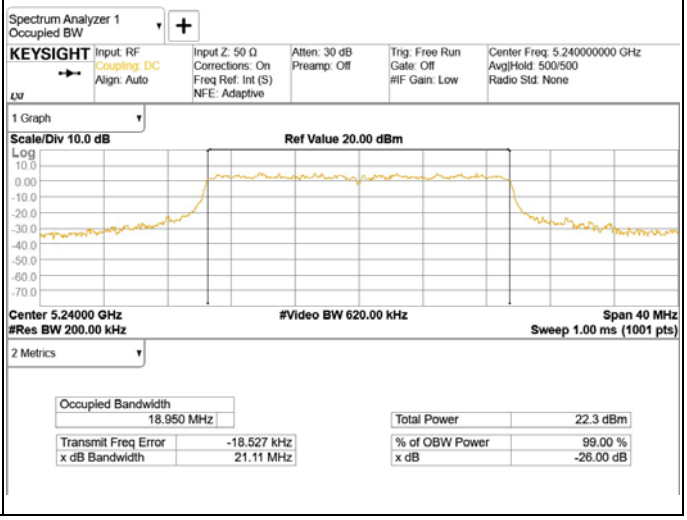
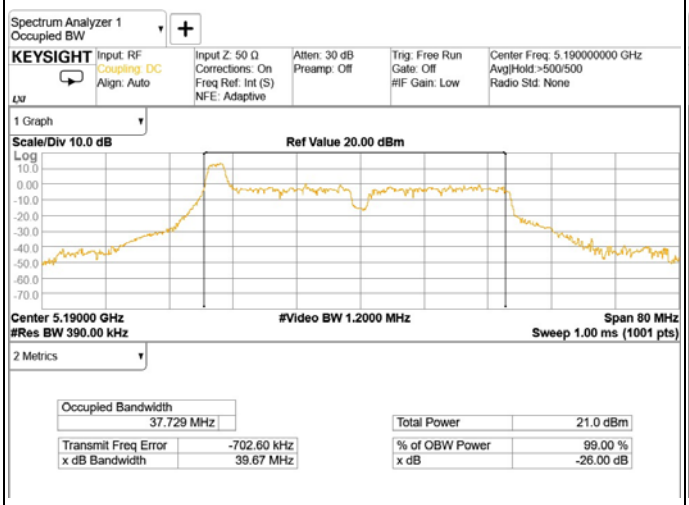


Band	**UNII-1**
Mode	**HE40**
Frequency	**5190 MHz**
Ant	**1**

0RU



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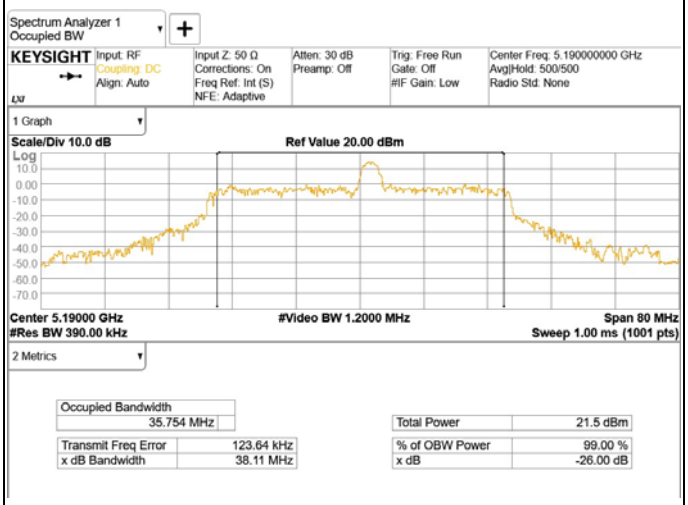

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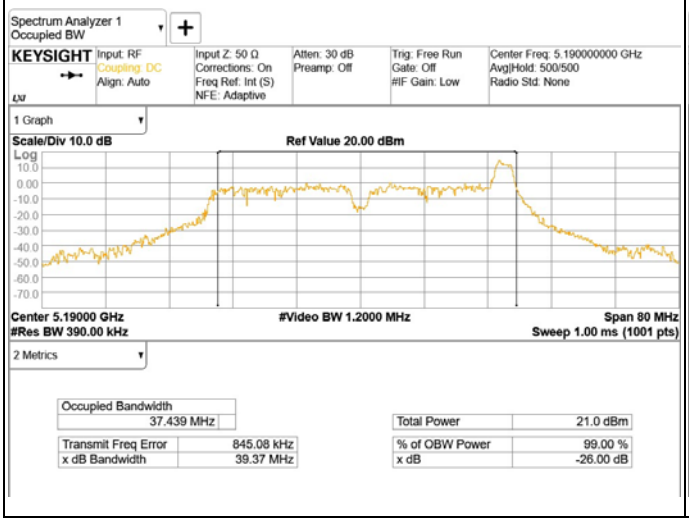

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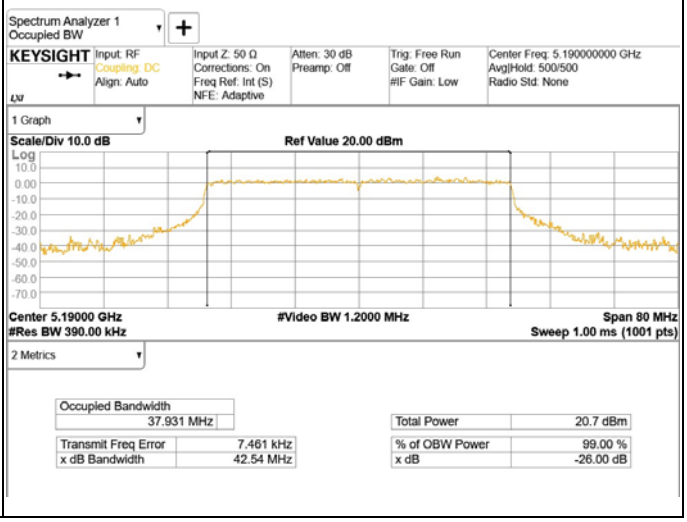
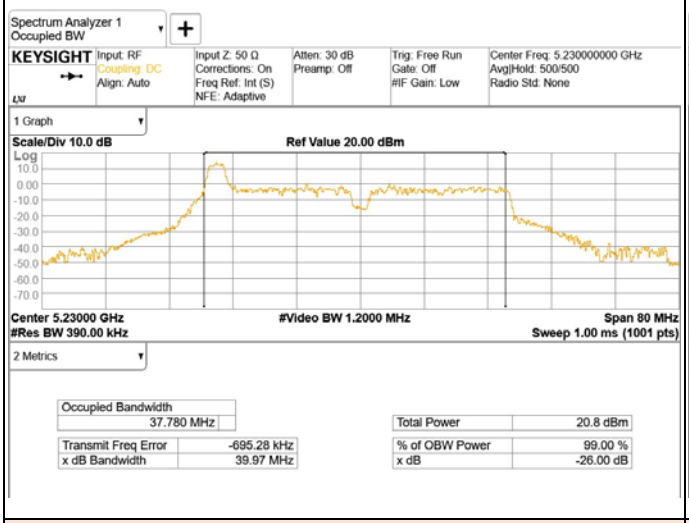
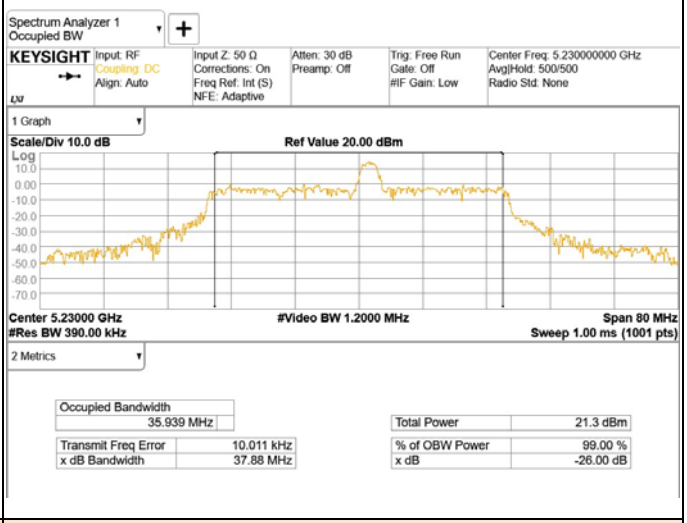


Band	UNII-1
Mode	HE40
Frequency	5230 MHz
Ant	1

0RU	9RU
	
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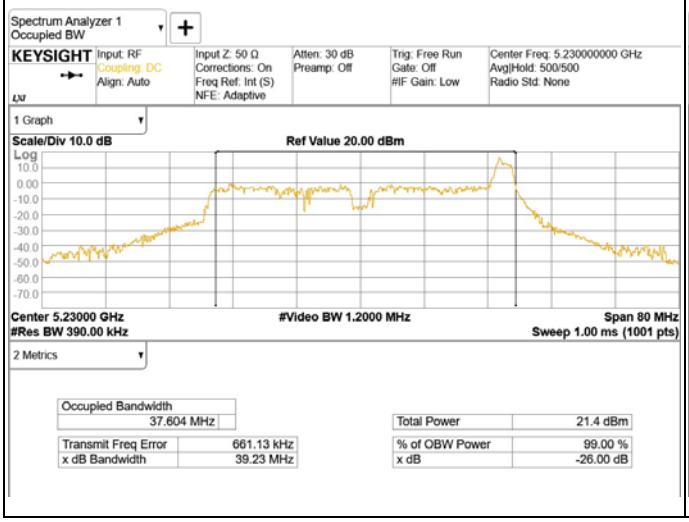
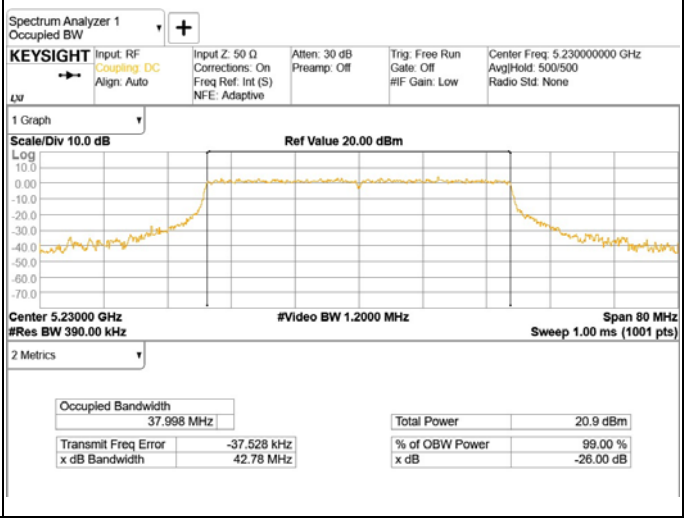
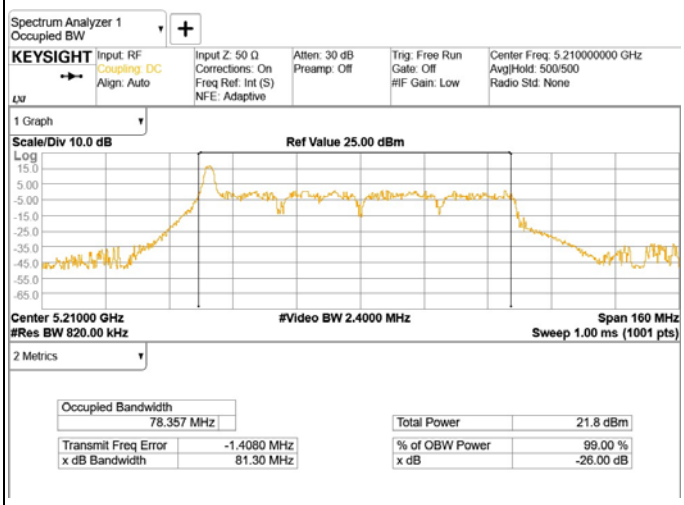
	

Band	**UNII-1**
Mode	**HE80**
Frequency	**5210 MHz**
Ant	**1**

0RU



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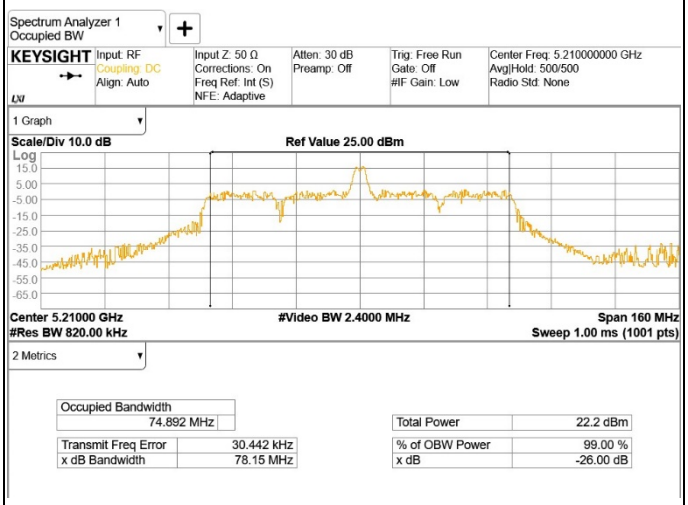

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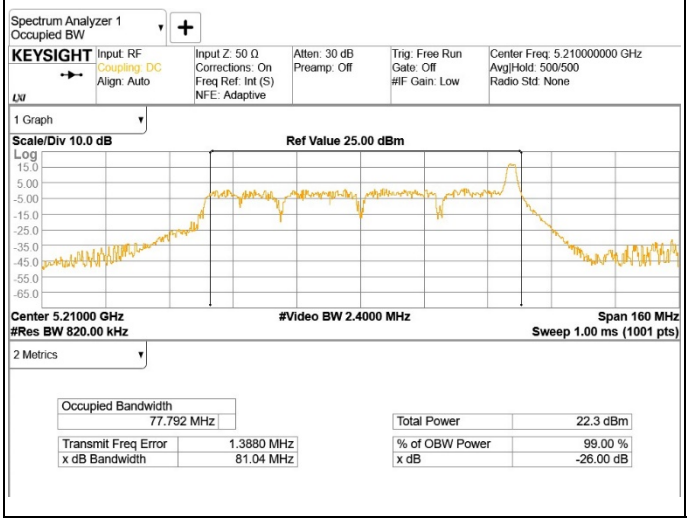

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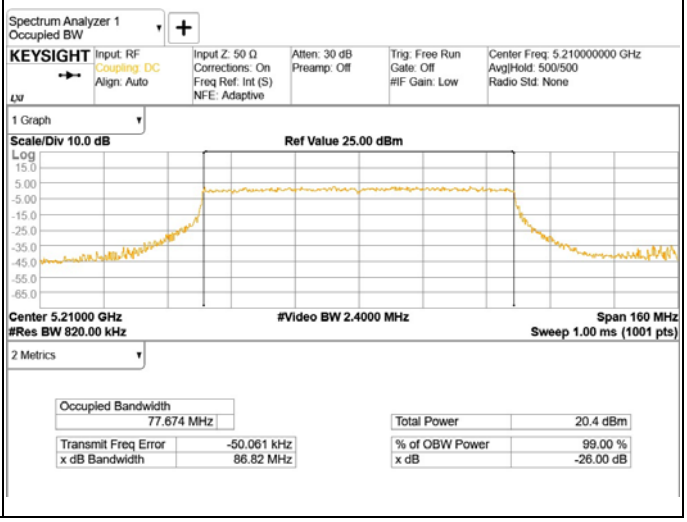
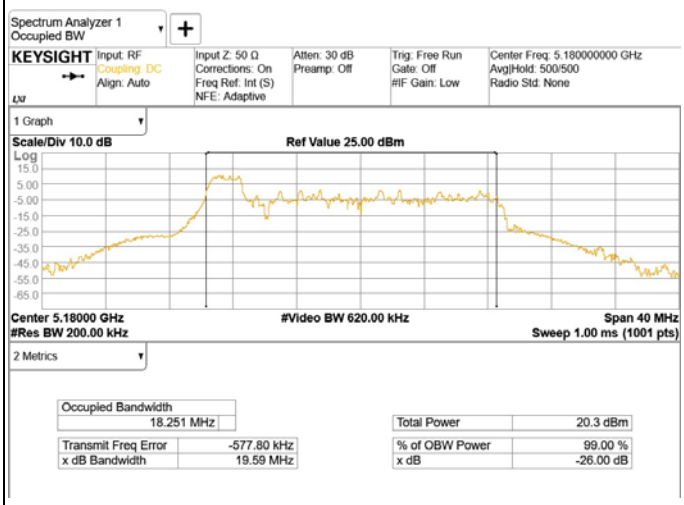


Band	**UNII-1**
Mode	**HE20**
Frequency	**5180 MHz**
Ant	**2**

0RU



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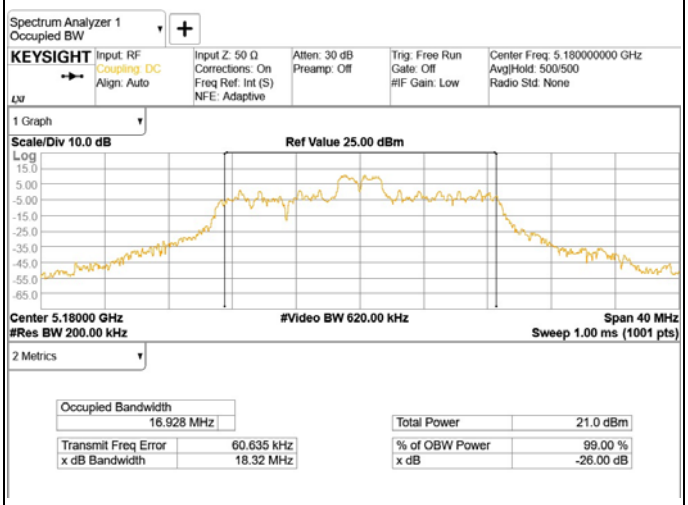

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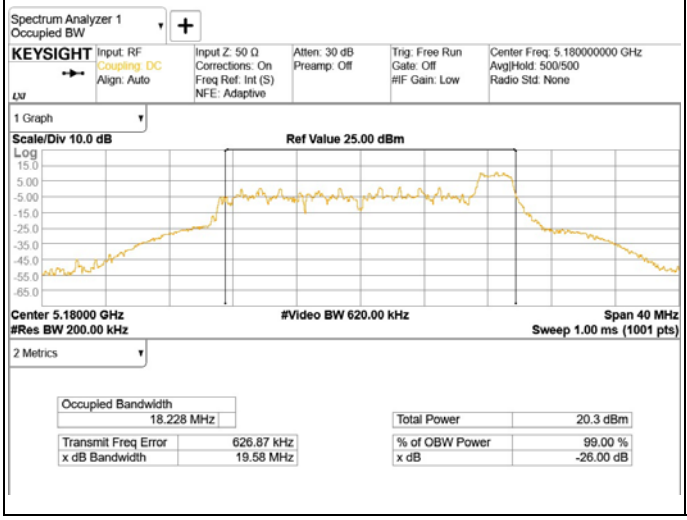

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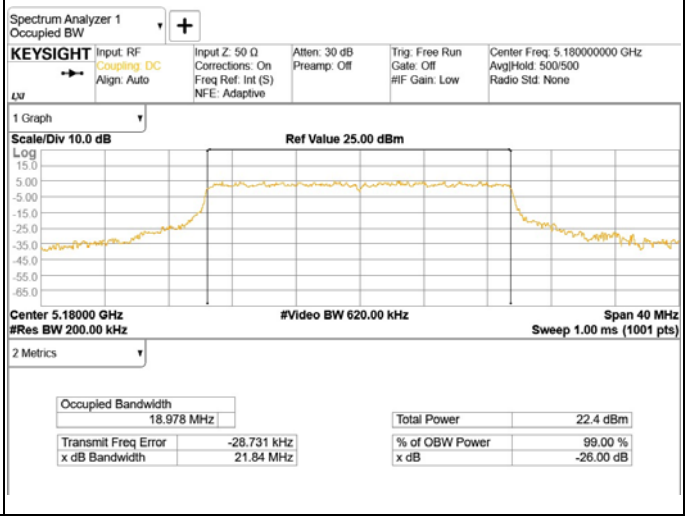
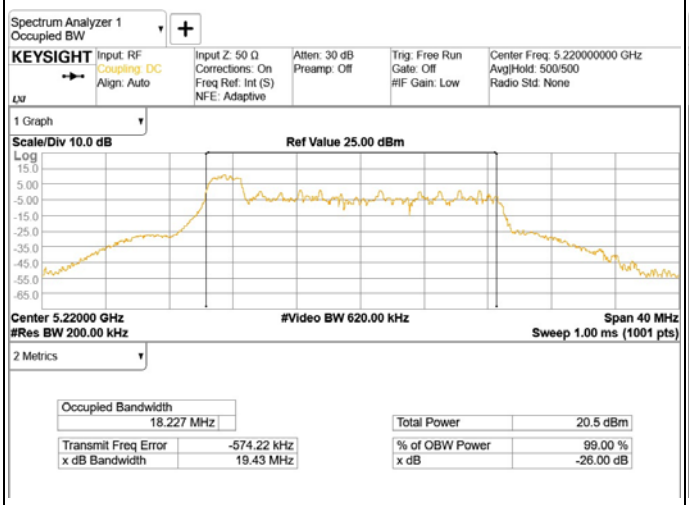


Band	**UNII-1**
Mode	**HE20**
Frequency	**5220 MHz**
Ant	**2**

0RU



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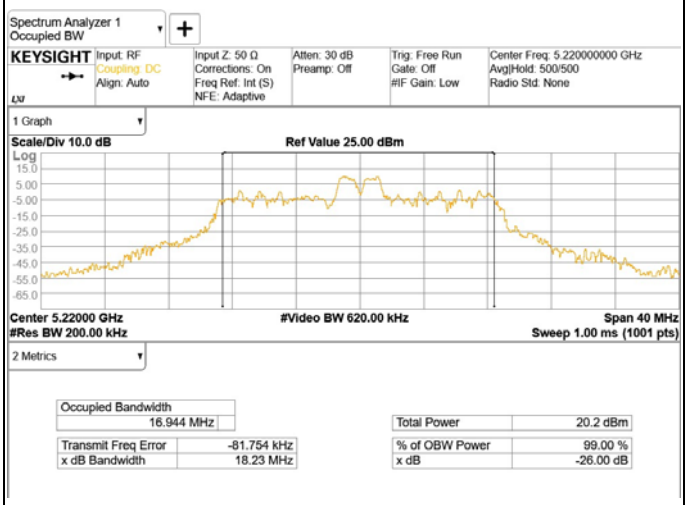

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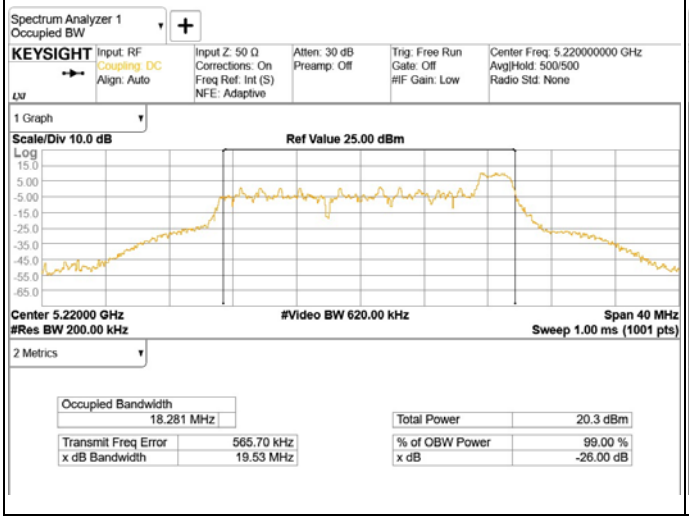

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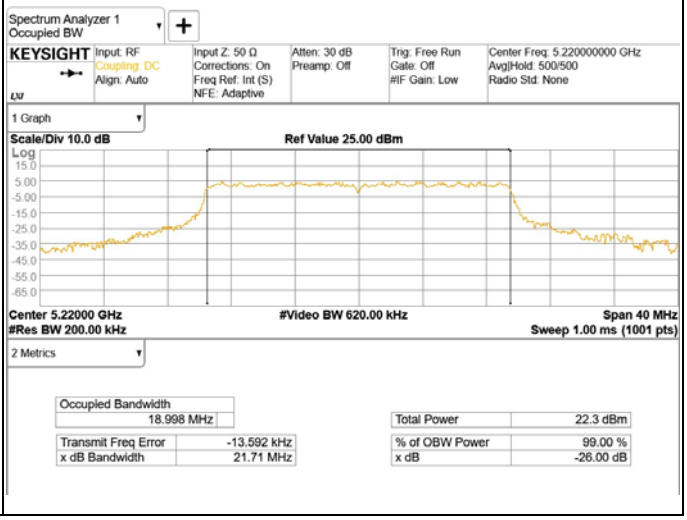
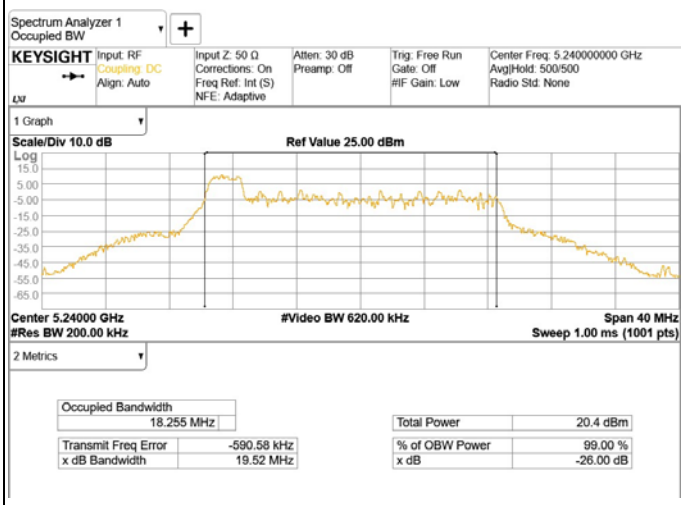


Band	**UNII-1**
Mode	**HE20**
Frequency	**5240 MHz**
Ant	**2**

0RU



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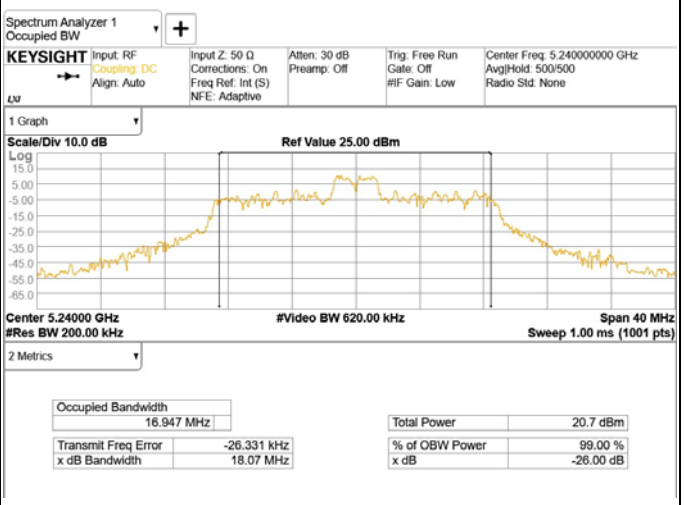

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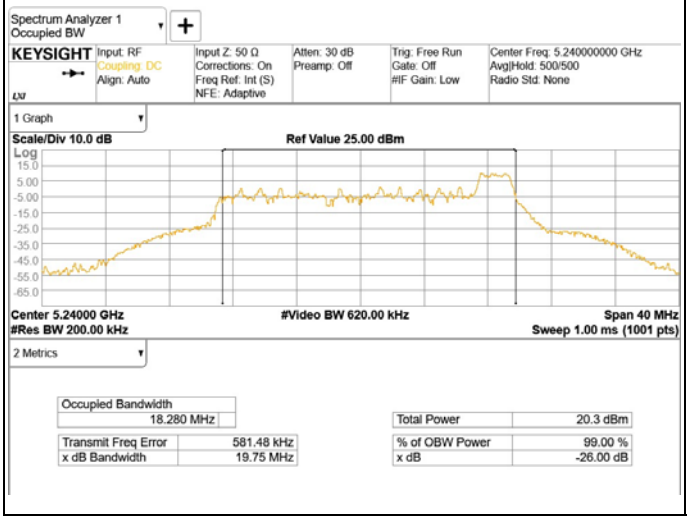

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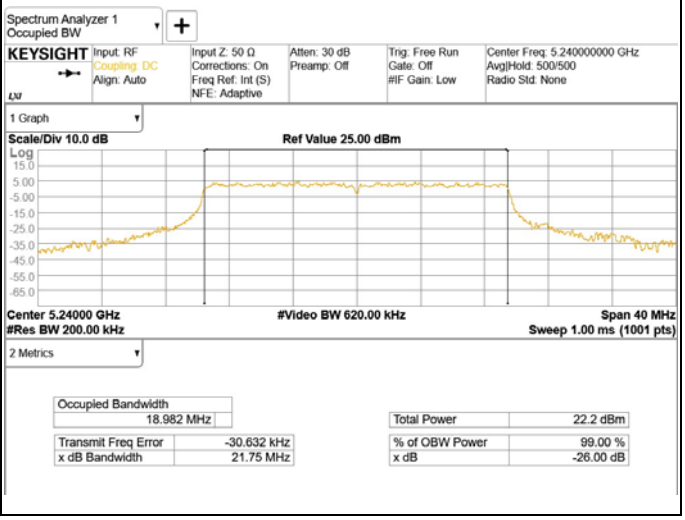
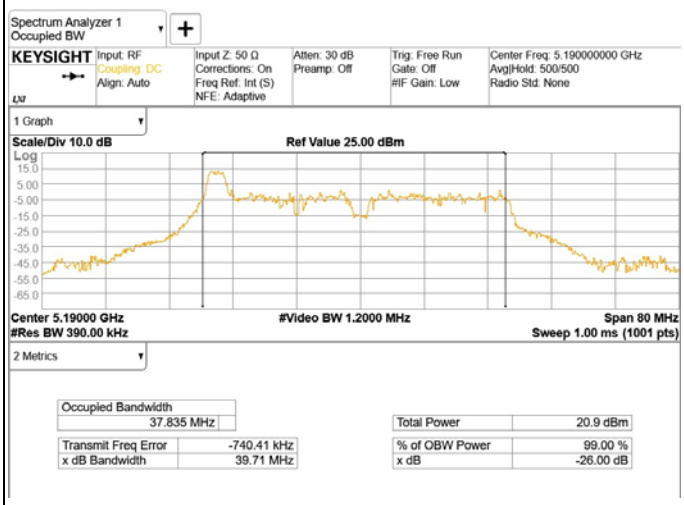


Band	UNII-1
Mode	HE40
Frequency	5190 MHz
Ant	2

0RU



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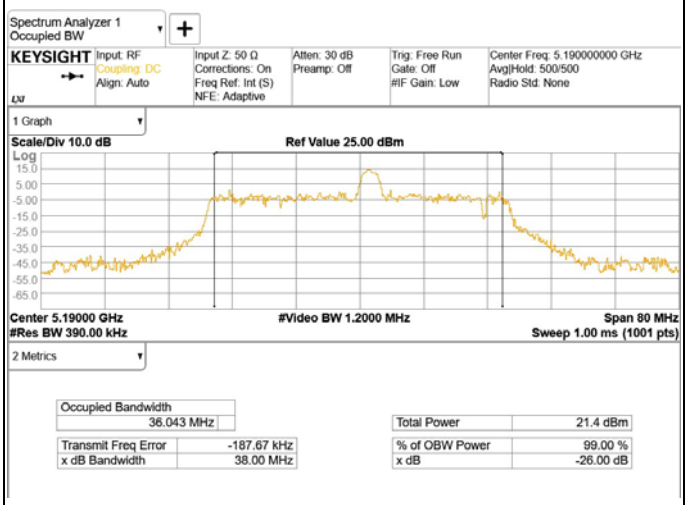

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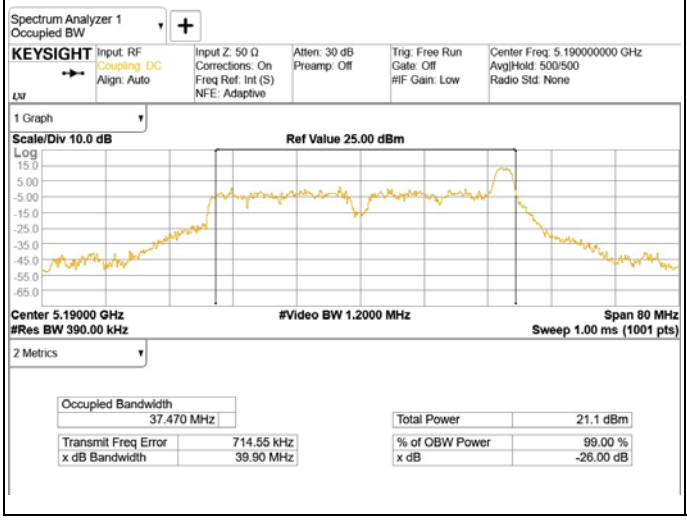

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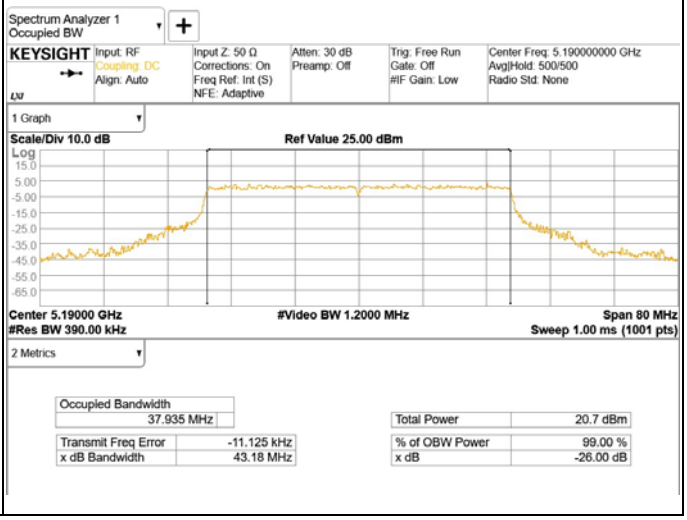
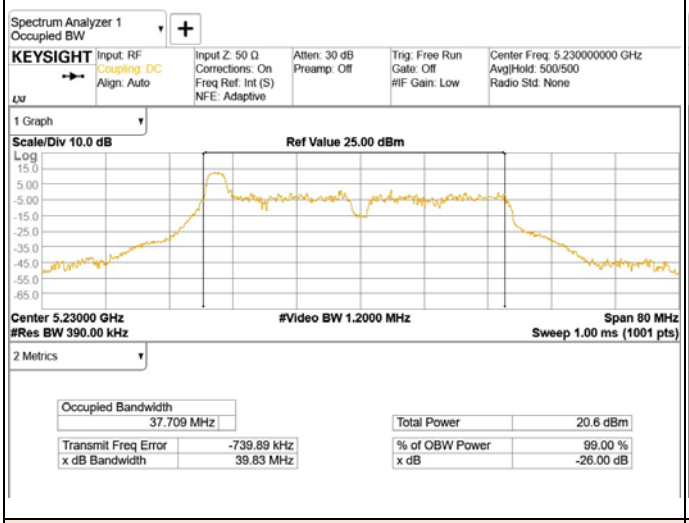
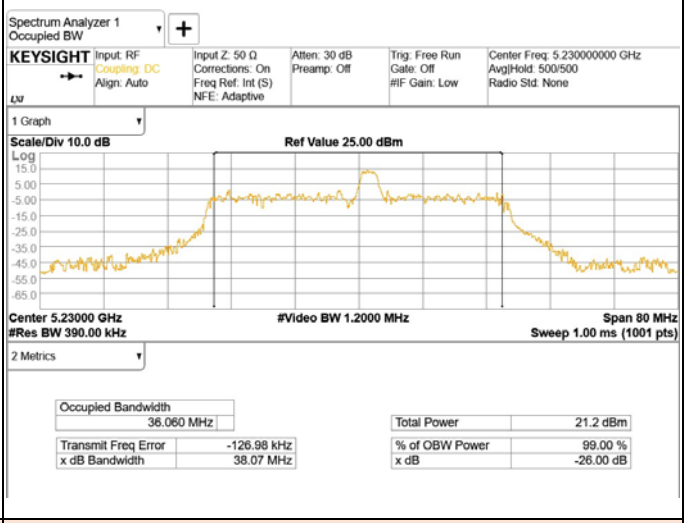


Band	**UNII-1**
Mode	**HE40**
Frequency	**5230 MHz**
Ant	**2**

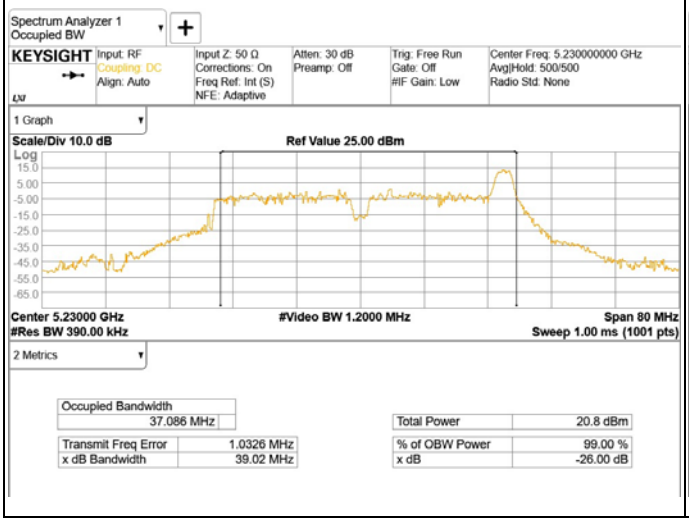
0RU



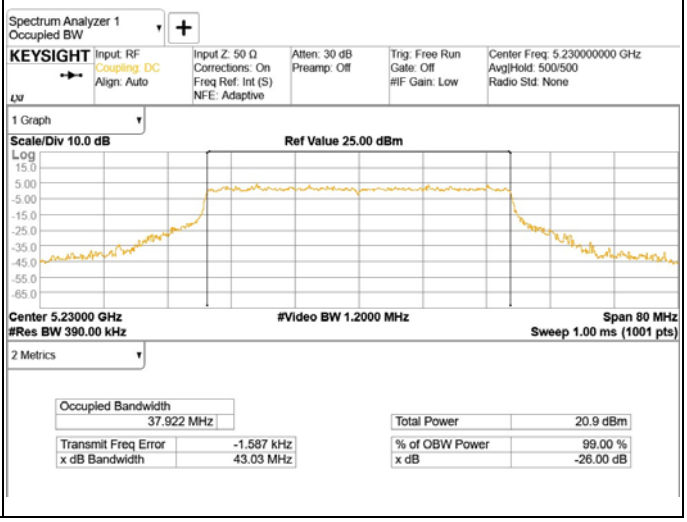
9RU



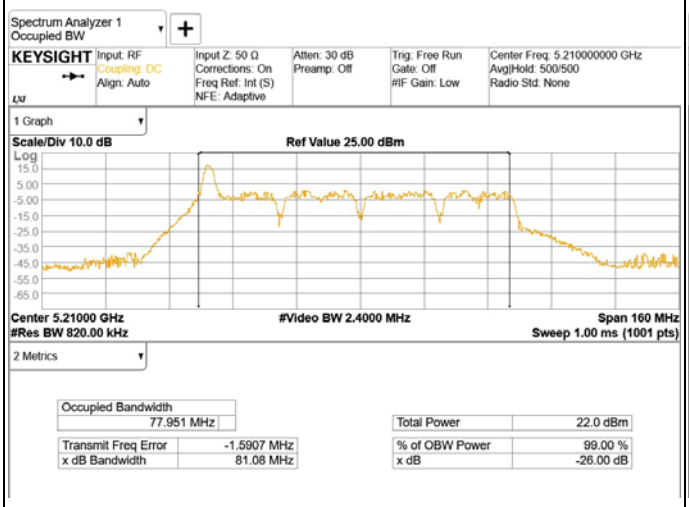
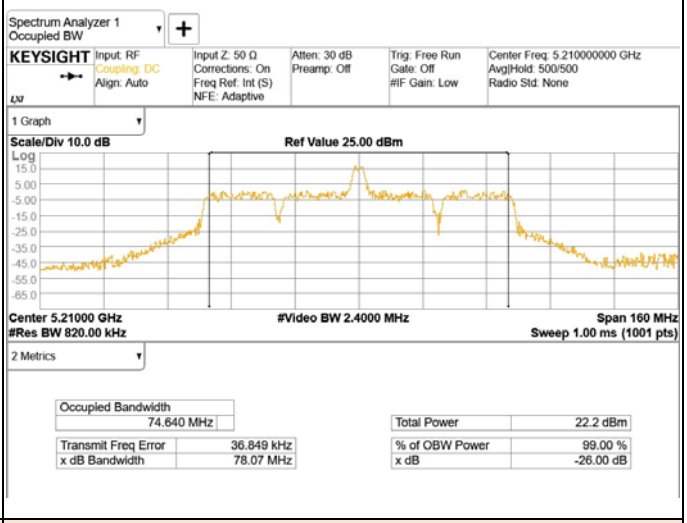
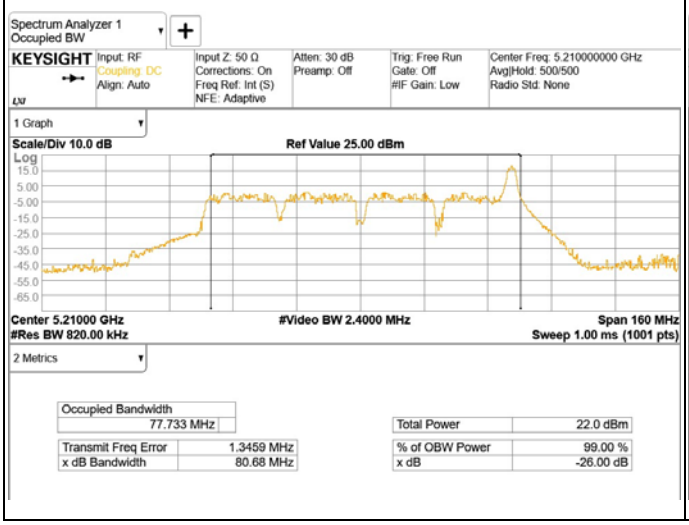
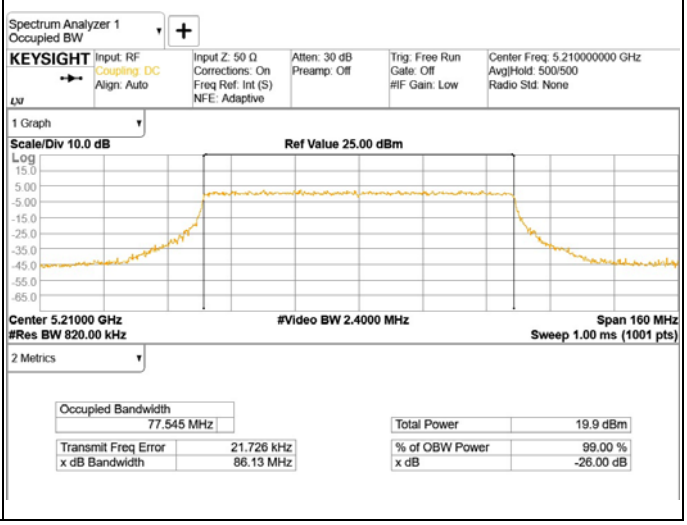
17RU



SU

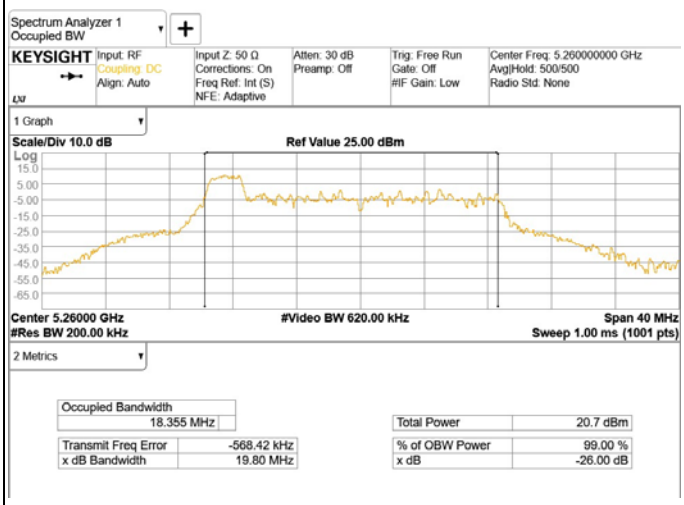


Band	UNII-1
Mode	HE80
Frequency	5180 MHz
Ant	2

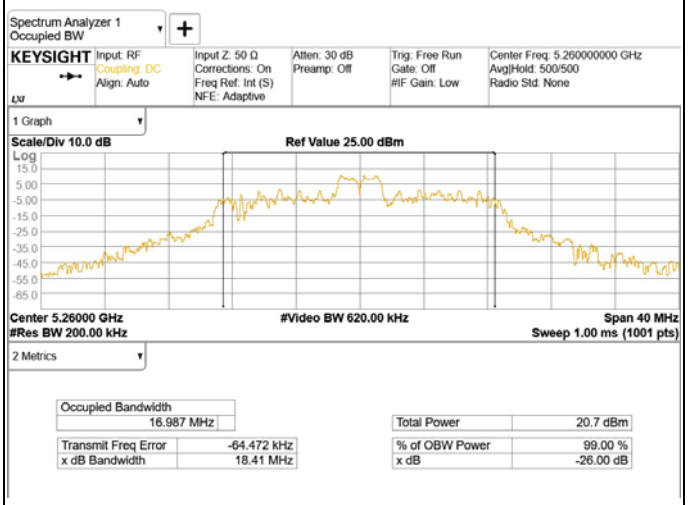
0RU	18RU
	
36RU	**SU**
	

Band	**UNII-2A**
Mode	**HE20**
Frequency	**5260 MHz**
Ant	**1**

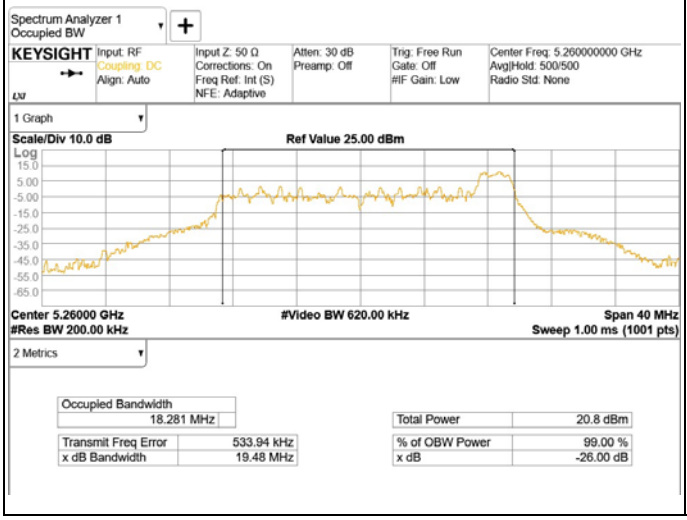
0RU



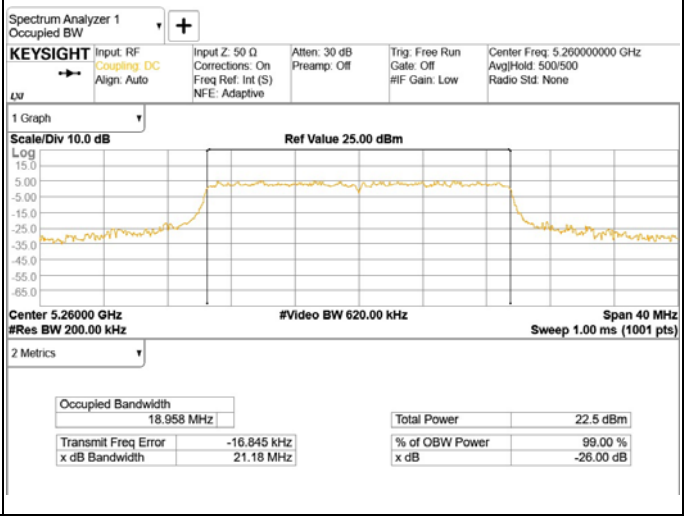
4RU



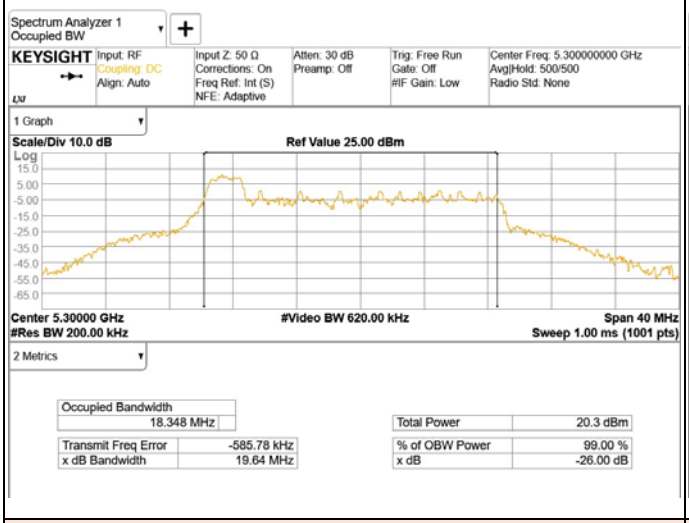
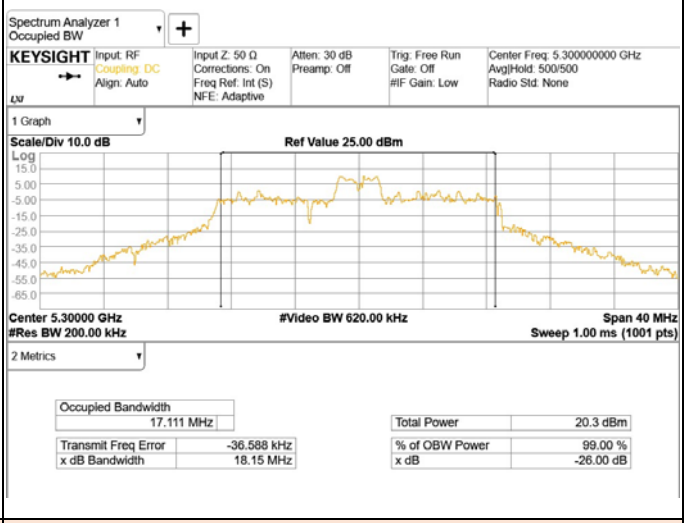
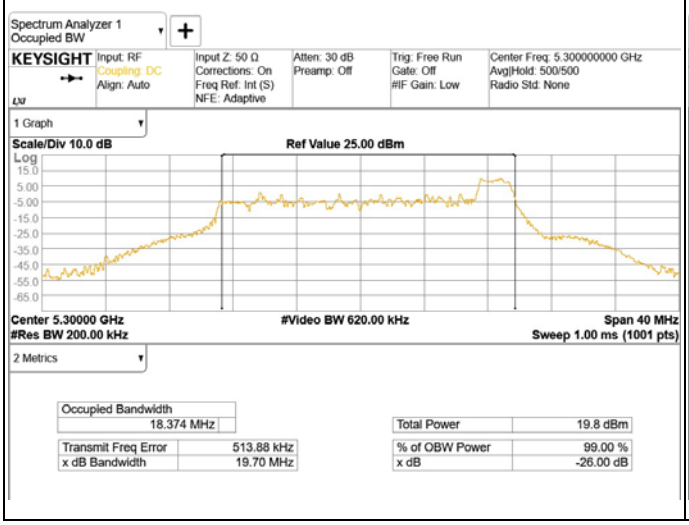
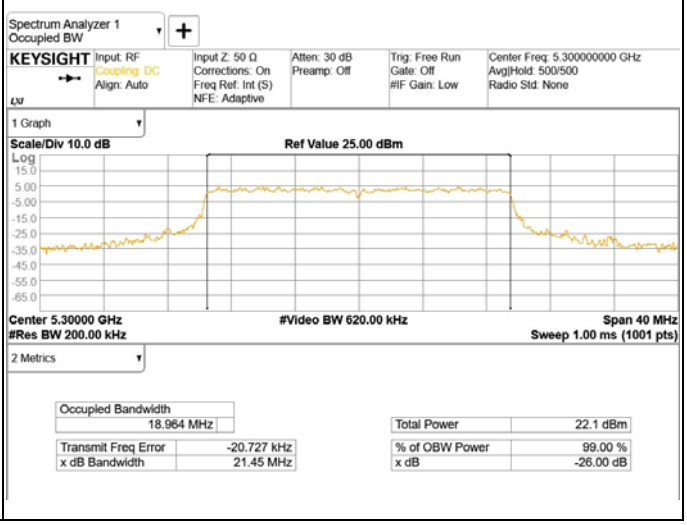
8RU



SU

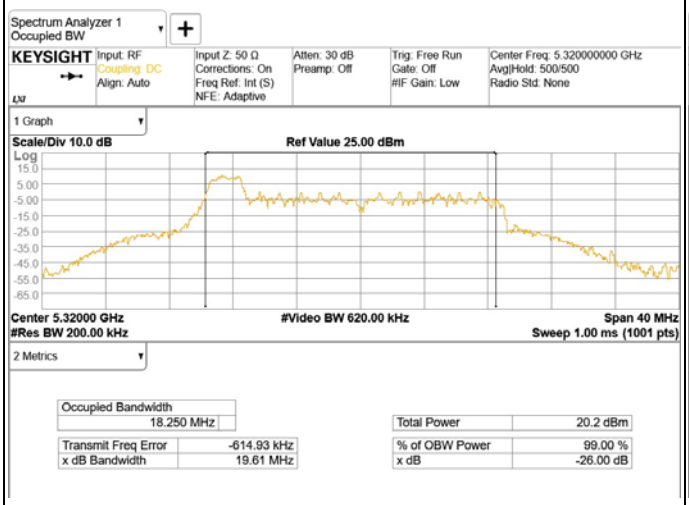


Band	UNII-2A
Mode	HE20
Frequency	5300 MHz
Ant	1

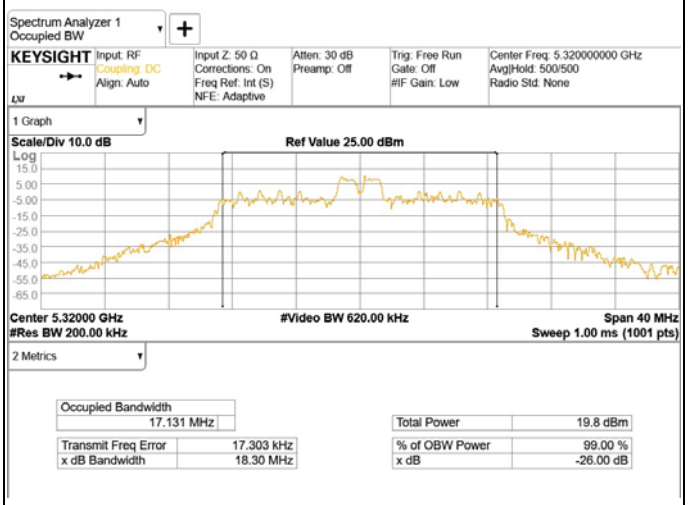
0RU	4RU
	
8RU	**SU**
	

Band	**UNII-2A**
Mode	**HE20**
Frequency	**5320 MHz**
Ant	**1**

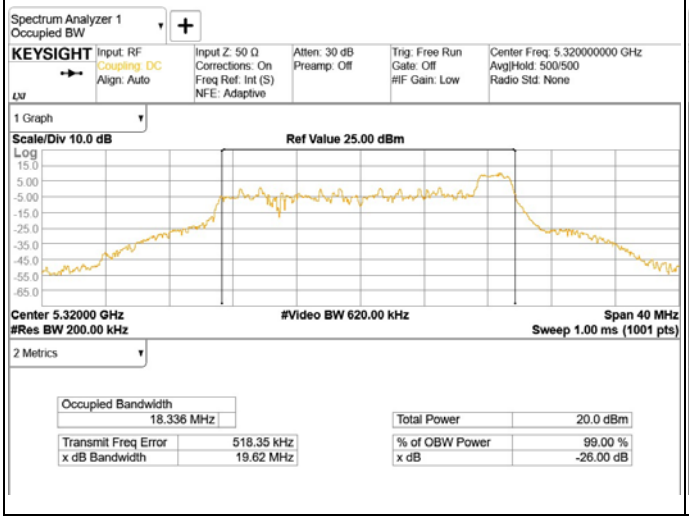
0RU



4RU



8RU



SU