

**Appendix A.16****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B43d_5MHz_EIRP**

Band: 43d / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3702.5	1	0	23.76	-2.10	21.66	/	Pass
			13	23.89	-2.10	21.79	/	Pass
			24	23.82	-2.10	21.72	/	Pass
		12	0	22.90	-2.10	20.80	/	Pass
			6	22.96	-2.10	20.86	/	Pass
			13	22.91	-2.10	20.81	/	Pass
		25	0	22.90	-2.10	20.80	/	Pass
	3750	1	0	24.07	-2.10	21.97	/	Pass
			13	24.08	-2.10	21.98	/	Pass
			24	24.02	-2.10	21.92	/	Pass
		12	0	23.25	-2.10	21.15	/	Pass
			6	23.20	-2.10	21.10	/	Pass
			13	23.16	-2.10	21.06	/	Pass
		25	0	23.15	-2.10	21.05	/	Pass
	3797.5	1	0	23.95	-2.10	21.85	/	Pass
			13	23.98	-2.10	21.88	/	Pass
			24	23.98	-2.10	21.88	/	Pass
		12	0	23.11	-2.10	21.01	/	Pass
			6	23.13	-2.10	21.03	/	Pass
			13	23.08	-2.10	20.98	/	Pass
		25	0	23.06	-2.10	20.96	/	Pass
16QAM	3702.5	1	0	22.94	-2.10	20.84	/	Pass
			13	22.97	-2.10	20.87	/	Pass
			24	23.09	-2.10	20.99	/	Pass
		12	0	21.85	-2.10	19.75	/	Pass
			6	21.88	-2.10	19.78	/	Pass
			13	21.88	-2.10	19.78	/	Pass
		25	0	21.94	-2.10	19.84	/	Pass
	3750	1	0	23.26	-2.10	21.16	/	Pass
			13	23.25	-2.10	21.15	/	Pass
			24	23.26	-2.10	21.16	/	Pass
		12	0	22.14	-2.10	20.04	/	Pass
			6	22.21	-2.10	20.11	/	Pass
			13	22.16	-2.10	20.06	/	Pass
		25	0	22.23	-2.10	20.13	/	Pass
	3797.5	1	0	23.16	-2.10	21.06	/	Pass
			13	23.19	-2.10	21.09	/	Pass
			24	23.14	-2.10	21.04	/	Pass
		12	0	22.08	-2.10	19.98	/	Pass
			6	22.09	-2.10	19.99	/	Pass

64QAM	3702.5	25	13	22.06	-2.10	19.96	/	Pass
			0	22.10	-2.10	20.00	/	Pass
	3702.5	1	0	22.71	-2.10	20.61	/	Pass
			13	22.78	-2.10	20.68	/	Pass
			24	22.69	-2.10	20.59	/	Pass
		12	0	21.94	-2.10	19.84	/	Pass
			6	21.92	-2.10	19.82	/	Pass
			13	21.95	-2.10	19.85	/	Pass
		25	0	21.93	-2.10	19.83	/	Pass
	3750	1	0	23.01	-2.10	20.91	/	Pass
			13	23.04	-2.10	20.94	/	Pass
			24	22.93	-2.10	20.83	/	Pass
		12	0	22.23	-2.10	20.13	/	Pass
			6	22.25	-2.10	20.15	/	Pass
			13	22.19	-2.10	20.09	/	Pass
		25	0	22.18	-2.10	20.08	/	Pass
	3797.5	1	0	22.92	-2.10	20.82	/	Pass
			13	22.87	-2.10	20.77	/	Pass
			24	22.81	-2.10	20.71	/	Pass
		12	0	22.08	-2.10	19.98	/	Pass
			6	22.09	-2.10	19.99	/	Pass
			13	22.11	-2.10	20.01	/	Pass
		25	0	22.07	-2.10	19.97	/	Pass
256QAM	3702.5	1	0	18.68	-2.10	16.58	/	Pass
			13	18.80	-2.10	16.70	/	Pass
			24	18.79	-2.10	16.69	/	Pass
		12	0	19.01	-2.10	16.91	/	Pass
			6	19.05	-2.10	16.95	/	Pass
			13	19.04	-2.10	16.94	/	Pass
		25	0	18.93	-2.10	16.83	/	Pass
	3750	1	0	19.15	-2.10	17.05	/	Pass
			13	19.07	-2.10	16.97	/	Pass
			24	19.06	-2.10	16.96	/	Pass
		12	0	19.32	-2.10	17.22	/	Pass
			6	19.29	-2.10	17.19	/	Pass
			13	19.29	-2.10	17.19	/	Pass
		25	0	19.26	-2.10	17.16	/	Pass
	3797.5	1	0	18.98	-2.10	16.88	/	Pass
			13	19.02	-2.10	16.92	/	Pass
			24	18.99	-2.10	16.89	/	Pass
		12	0	19.21	-2.10	17.11	/	Pass
			6	19.22	-2.10	17.12	/	Pass
			13	19.16	-2.10	17.06	/	Pass
		25	0	19.16	-2.10	17.06	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B43d_10MHz_EIRP

Band: 43d / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	

QPSK	3705	1	0	23.67	-2.10	21.57	/	Pass
			25	23.80	-2.10	21.70	/	Pass
			49	23.87	-2.10	21.77	/	Pass
		25	0	22.90	-2.10	20.80	/	Pass
			13	22.97	-2.10	20.87	/	Pass
			25	22.96	-2.10	20.86	/	Pass
		50	0	22.98	-2.10	20.88	/	Pass
	3750	1	0	23.97	-2.10	21.87	/	Pass
			25	23.97	-2.10	21.87	/	Pass
			49	23.93	-2.10	21.83	/	Pass
		25	0	23.22	-2.10	21.12	/	Pass
			13	23.23	-2.10	21.13	/	Pass
			25	23.17	-2.10	21.07	/	Pass
		50	0	23.24	-2.10	21.14	/	Pass
	3795	1	0	23.94	-2.10	21.84	/	Pass
			25	23.86	-2.10	21.76	/	Pass
			49	23.92	-2.10	21.82	/	Pass
		25	0	23.04	-2.10	20.94	/	Pass
			13	23.13	-2.10	21.03	/	Pass
			25	23.09	-2.10	20.99	/	Pass
		50	0	23.05	-2.10	20.95	/	Pass
16QAM	3705	1	0	22.93	-2.10	20.83	/	Pass
			25	22.94	-2.10	20.84	/	Pass
			49	23.05	-2.10	20.95	/	Pass
		25	0	21.96	-2.10	19.86	/	Pass
			13	21.96	-2.10	19.86	/	Pass
			25	22.00	-2.10	19.90	/	Pass
		50	0	22.00	-2.10	19.90	/	Pass
	3750	1	0	23.28	-2.10	21.18	/	Pass
			25	23.26	-2.10	21.16	/	Pass
			49	23.20	-2.10	21.10	/	Pass
		25	0	22.26	-2.10	20.16	/	Pass
			13	22.27	-2.10	20.17	/	Pass
			25	22.19	-2.10	20.09	/	Pass
		50	0	22.26	-2.10	20.16	/	Pass
	3795	1	0	23.20	-2.10	21.10	/	Pass
			25	23.17	-2.10	21.07	/	Pass
			49	23.12	-2.10	21.02	/	Pass
		25	0	22.11	-2.10	20.01	/	Pass
			13	22.21	-2.10	20.11	/	Pass
			25	22.10	-2.10	20.00	/	Pass
		50	0	22.14	-2.10	20.04	/	Pass
64QAM	3705	1	0	22.68	-2.10	20.58	/	Pass
			25	22.70	-2.10	20.60	/	Pass
			49	22.79	-2.10	20.69	/	Pass
		25	0	21.92	-2.10	19.82	/	Pass
			13	21.97	-2.10	19.87	/	Pass
			25	21.97	-2.10	19.87	/	Pass
		50	0	21.95	-2.10	19.85	/	Pass
	3750	1	0	23.07	-2.10	20.97	/	Pass
			25	22.97	-2.10	20.87	/	Pass
			49	23.00	-2.10	20.90	/	Pass
		25	0	22.19	-2.10	20.09	/	Pass



Report No.: SUCR260400030106

Page: 4 of 65

256QAM	3795	50	13	22.23	-2.10	20.13	/	Pass
			25	22.18	-2.10	20.08	/	Pass
			0	22.22	-2.10	20.12	/	Pass
		1	0	22.97	-2.10	20.87	/	Pass
			25	22.85	-2.10	20.75	/	Pass
			49	22.88	-2.10	20.78	/	Pass
		25	0	22.09	-2.10	19.99	/	Pass
			13	22.16	-2.10	20.06	/	Pass
			25	22.10	-2.10	20.00	/	Pass
		50	0	22.06	-2.10	19.96	/	Pass
	3705	1	0	18.73	-2.10	16.63	/	Pass
			25	18.72	-2.10	16.62	/	Pass
			49	18.85	-2.10	16.75	/	Pass
		25	0	19.00	-2.10	16.90	/	Pass
			13	19.00	-2.10	16.90	/	Pass
			25	18.94	-2.10	16.84	/	Pass
		50	0	19.09	-2.10	16.99	/	Pass
	3750	1	0	19.06	-2.10	16.96	/	Pass
			25	19.02	-2.10	16.92	/	Pass
			49	18.97	-2.10	16.87	/	Pass
		25	0	19.28	-2.10	17.18	/	Pass
			13	19.29	-2.10	17.19	/	Pass
			25	19.25	-2.10	17.15	/	Pass
		50	0	19.32	-2.10	17.22	/	Pass
	3795	1	0	18.96	-2.10	16.86	/	Pass
			25	18.89	-2.10	16.79	/	Pass
			49	18.92	-2.10	16.82	/	Pass
		25	0	19.12	-2.10	17.02	/	Pass
			13	19.17	-2.10	17.07	/	Pass
			25	19.16	-2.10	17.06	/	Pass
		50	0	19.16	-2.10	17.06	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B43d_15MHz_EIRP

Band: 43d / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3707.5	1	0	23.71	-2.10	21.61	/	Pass
			38	23.74	-2.10	21.64	/	Pass
			74	23.87	-2.10	21.77	/	Pass
		36	0	22.78	-2.10	20.68	/	Pass
			18	22.91	-2.10	20.81	/	Pass
			39	22.91	-2.10	20.81	/	Pass
		75	0	22.88	-2.10	20.78	/	Pass
	3750	1	0	24.05	-2.10	21.95	/	Pass
			38	23.98	-2.10	21.88	/	Pass
			74	23.92	-2.10	21.82	/	Pass
		36	0	23.11	-2.10	21.01	/	Pass
			18	23.11	-2.10	21.01	/	Pass
			39	23.09	-2.10	20.99	/	Pass

		75	0	23.05	-2.10	20.95	/	Pass	
	3792.5	1	0	23.89	-2.10	21.79	/	Pass	
			38	23.85	-2.10	21.75	/	Pass	
			74	23.91	-2.10	21.81	/	Pass	
			0	22.98	-2.10	20.88	/	Pass	
		36	18	22.98	-2.10	20.88	/	Pass	
			39	22.96	-2.10	20.86	/	Pass	
			75	0	22.92	-2.10	20.82	/	Pass
16QAM		3707.5	1	0	22.89	-2.10	20.79	/	Pass
	38			23.00	-2.10	20.90	/	Pass	
	74			23.10	-2.10	21.00	/	Pass	
	36		0	21.82	-2.10	19.72	/	Pass	
			18	21.90	-2.10	19.80	/	Pass	
			39	21.90	-2.10	19.80	/	Pass	
	75		0	21.89	-2.10	19.79	/	Pass	
	3750		1	0	23.24	-2.10	21.14	/	Pass
		38		23.22	-2.10	21.12	/	Pass	
		74		23.17	-2.10	21.07	/	Pass	
		36	0	22.14	-2.10	20.04	/	Pass	
			18	22.12	-2.10	20.02	/	Pass	
			39	22.08	-2.10	19.98	/	Pass	
		75	0	22.15	-2.10	20.05	/	Pass	
		3792.5	1	0	23.14	-2.10	21.04	/	Pass
	38			23.12	-2.10	21.02	/	Pass	
	74			23.11	-2.10	21.01	/	Pass	
	36		0	21.96	-2.10	19.86	/	Pass	
			18	21.96	-2.10	19.86	/	Pass	
			39	21.96	-2.10	19.86	/	Pass	
	75		0	21.98	-2.10	19.88	/	Pass	
	64QAM		3707.5	1	0	22.61	-2.10	20.51	/
		38			22.70	-2.10	20.60	/	Pass
		74			22.80	-2.10	20.70	/	Pass
		36		0	21.83	-2.10	19.73	/	Pass
				18	21.87	-2.10	19.77	/	Pass
				39	21.92	-2.10	19.82	/	Pass
		75		0	21.89	-2.10	19.79	/	Pass
3750		1		0	22.95	-2.10	20.85	/	Pass
			38	22.98	-2.10	20.88	/	Pass	
			74	22.86	-2.10	20.76	/	Pass	
		36	0	22.14	-2.10	20.04	/	Pass	
			18	22.13	-2.10	20.03	/	Pass	
			39	22.07	-2.10	19.97	/	Pass	
		75	0	22.11	-2.10	20.01	/	Pass	
		3792.5	1	0	22.85	-2.10	20.75	/	Pass
38				22.82	-2.10	20.72	/	Pass	
74				22.79	-2.10	20.69	/	Pass	
36			0	21.95	-2.10	19.85	/	Pass	
			18	21.94	-2.10	19.84	/	Pass	
			39	21.98	-2.10	19.88	/	Pass	
75			0	21.96	-2.10	19.86	/	Pass	
256QAM			3707.5	1	0	18.62	-2.10	16.52	/
		38			18.74	-2.10	16.64	/	Pass
		74			18.83	-2.10	16.73	/	Pass



Report No.: SUCR260400030106

Page: 6 of 65

	3750	36	0	18.87	-2.10	16.77	/	Pass
			18	18.95	-2.10	16.85	/	Pass
			39	18.97	-2.10	16.87	/	Pass
		75	0	18.94	-2.10	16.84	/	Pass
			0	19.00	-2.10	16.90	/	Pass
			38	18.95	-2.10	16.85	/	Pass
		1	74	18.88	-2.10	16.78	/	Pass
			0	19.21	-2.10	17.11	/	Pass
			18	19.23	-2.10	17.13	/	Pass
	3792.5	36	39	19.18	-2.10	17.08	/	Pass
			0	19.17	-2.10	17.07	/	Pass
			0	18.87	-2.10	16.77	/	Pass
		1	38	18.87	-2.10	16.77	/	Pass
			74	18.78	-2.10	16.68	/	Pass
			0	19.06	-2.10	16.96	/	Pass
		36	18	19.05	-2.10	16.95	/	Pass
			39	19.09	-2.10	16.99	/	Pass
			75	19.03	-2.10	16.93	/	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B43d_20MHz_EIRP

Band: 43d / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3710	1	0	23.68	-2.10	21.58	/	Pass
			50	23.81	-2.10	21.71	/	Pass
			99	23.98	-2.10	21.88	/	Pass
		50	0	22.75	-2.10	20.65	/	Pass
			25	22.84	-2.10	20.74	/	Pass
			50	22.98	-2.10	20.88	/	Pass
		100	0	22.78	-2.10	20.68	/	Pass
			0	23.99	-2.10	21.89	/	Pass
			50	23.96	-2.10	21.86	/	Pass
	3750	1	99	23.91	-2.10	21.81	/	Pass
			0	23.06	-2.10	20.96	/	Pass
			25	23.10	-2.10	21.00	/	Pass
		50	50	23.05	-2.10	20.95	/	Pass
			0	23.10	-2.10	21.00	/	Pass
			0	23.97	-2.10	21.87	/	Pass
		100	0	23.91	-2.10	21.81	/	Pass
			99	23.87	-2.10	21.77	/	Pass
			0	23.05	-2.10	20.95	/	Pass
	3790	1	25	23.06	-2.10	20.96	/	Pass
			50	22.97	-2.10	20.87	/	Pass
			0	23.04	-2.10	20.94	/	Pass
	3710	1	0	22.90	-2.10	20.80	/	Pass
			50	22.95	-2.10	20.85	/	Pass
			99	23.18	-2.10	21.08	/	Pass
		50	0	21.81	-2.10	19.71	/	Pass
			25	21.87	-2.10	19.77	/	Pass
			0	22.90	-2.10	20.80	/	Pass
		1	50	22.95	-2.10	20.85	/	Pass
			99	23.18	-2.10	21.08	/	Pass
			0	21.81	-2.10	19.71	/	Pass

	3750		50	22.00	-2.10	19.90	/	Pass	
		100	0	21.89	-2.10	19.79	/	Pass	
		1	0	23.23	-2.10	21.13	/	Pass	
			50	23.18	-2.10	21.08	/	Pass	
			99	23.17	-2.10	21.07	/	Pass	
		50	0	22.07	-2.10	19.97	/	Pass	
			25	22.13	-2.10	20.03	/	Pass	
			50	22.08	-2.10	19.98	/	Pass	
		100	0	22.13	-2.10	20.03	/	Pass	
	3790	1	0	23.22	-2.10	21.12	/	Pass	
			50	23.12	-2.10	21.02	/	Pass	
			99	23.08	-2.10	20.98	/	Pass	
		50	0	22.12	-2.10	20.02	/	Pass	
			25	22.10	-2.10	20.00	/	Pass	
			50	22.02	-2.10	19.92	/	Pass	
	100	0	22.08	-2.10	19.98	/	Pass		
	64QAM	3710	1	0	22.54	-2.10	20.44	/	Pass
				50	22.70	-2.10	20.60	/	Pass
99				22.91	-2.10	20.81	/	Pass	
50			0	21.74	-2.10	19.64	/	Pass	
			25	21.84	-2.10	19.74	/	Pass	
			50	21.96	-2.10	19.86	/	Pass	
100		0	21.90	-2.10	19.80	/	Pass		
3750		1	0	22.91	-2.10	20.81	/	Pass	
			50	22.86	-2.10	20.76	/	Pass	
			99	22.92	-2.10	20.82	/	Pass	
		50	0	22.04	-2.10	19.94	/	Pass	
			25	22.13	-2.10	20.03	/	Pass	
			50	22.08	-2.10	19.98	/	Pass	
100		0	22.15	-2.10	20.05	/	Pass		
3790		1	0	22.97	-2.10	20.87	/	Pass	
			50	22.84	-2.10	20.74	/	Pass	
			99	22.81	-2.10	20.71	/	Pass	
		50	0	22.07	-2.10	19.97	/	Pass	
	25		22.02	-2.10	19.92	/	Pass		
	50		22.02	-2.10	19.92	/	Pass		
100	0	22.10	-2.10	20.00	/	Pass			
256QAM	3710	1	0	18.55	-2.10	16.45	/	Pass	
			50	18.75	-2.10	16.65	/	Pass	
			99	18.95	-2.10	16.85	/	Pass	
		50	0	18.90	-2.10	16.80	/	Pass	
			25	18.97	-2.10	16.87	/	Pass	
			50	19.10	-2.10	17.00	/	Pass	
	100	0	18.92	-2.10	16.82	/	Pass		
	3750	1	0	18.87	-2.10	16.77	/	Pass	
			50	18.95	-2.10	16.85	/	Pass	
			99	18.83	-2.10	16.73	/	Pass	
		50	0	19.19	-2.10	17.09	/	Pass	
			25	19.24	-2.10	17.14	/	Pass	
50			19.16	-2.10	17.06	/	Pass		
100	0	19.17	-2.10	17.07	/	Pass			
3790	1	0	18.95	-2.10	16.85	/	Pass		
		50	18.85	-2.10	16.75	/	Pass		



Report No.: SUCR260400030106

Page: 8 of 65

			99	18.83	-2.10	16.73	/	Pass
		50	0	19.22	-2.10	17.12	/	Pass
			25	19.16	-2.10	17.06	/	Pass
			50	19.14	-2.10	17.04	/	Pass
		100	0	19.16	-2.10	17.06	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B43d_10MHz

Band: 43d / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3750	50	0	20	3.27	6.300	0.0017	-2.5 to 2.5	Pass
					3.85	8.500	0.0023	-2.5 to 2.5	Pass
					4.43	4.200	0.0011	-2.5 to 2.5	Pass
				-30	3.85	4.900	0.0013	-2.5 to 2.5	Pass
				-20	3.85	3.800	0.0010	-2.5 to 2.5	Pass
				-10	3.85	0.200	0.0001	-2.5 to 2.5	Pass
				0	3.85	6.200	0.0017	-2.5 to 2.5	Pass
				10	3.85	4.000	0.0011	-2.5 to 2.5	Pass
				30	3.85	5.700	0.0015	-2.5 to 2.5	Pass
				40	3.85	1.900	0.0005	-2.5 to 2.5	Pass
				50	3.85	8.000	0.0021	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band43d_OBW

Band: 43d / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3750	25	0	4.495	/	Pass
	16QAM	3750	25	0	4.488	/	Pass
	64QAM	3750	25	0	4.472	/	Pass
	256QAM	3750	25	0	4.461	/	Pass
10	QPSK	3750	50	0	8.875	/	Pass
	16QAM	3750	50	0	8.961	/	Pass
	64QAM	3750	50	0	8.965	/	Pass
	256QAM	3750	50	0	8.934	/	Pass
15	QPSK	3750	75	0	13.392	/	Pass
	16QAM	3750	75	0	13.381	/	Pass



Report No.: SUCR260400030106

Page: 9 of 65

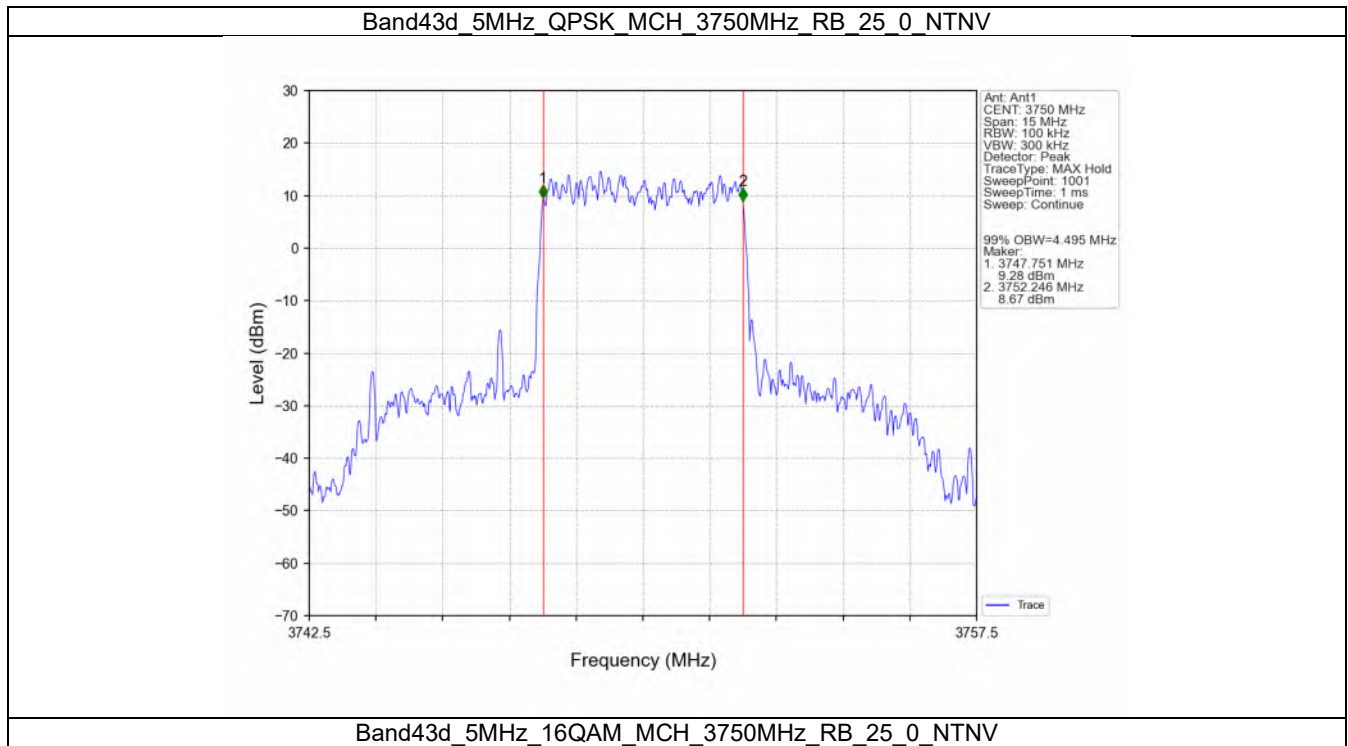
20	64QAM	3750	75	0	13.363	/	Pass
	256QAM	3750	75	0	13.365	/	Pass
	QPSK	3750	100	0	17.852	/	Pass
	16QAM	3750	100	0	17.846	/	Pass
	64QAM	3750	100	0	17.778	/	Pass
	256QAM	3750	100	0	17.806	/	Pass

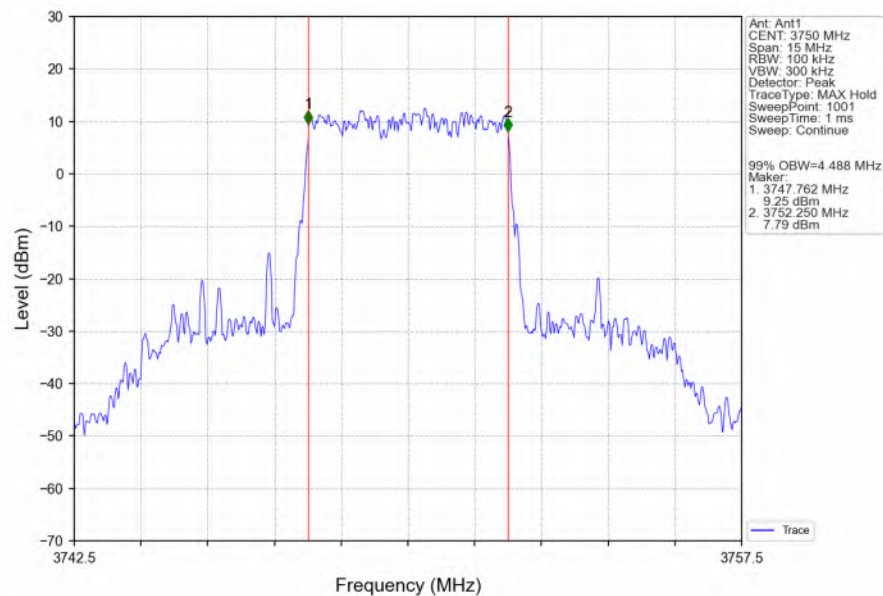
3.1.2 Band43d_XDB

Band: 43d / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3750	25	0	4.770	/	Pass
	16QAM	3750	25	0	4.958	/	Pass
	64QAM	3750	25	0	4.842	/	Pass
	256QAM	3750	25	0	4.716	/	Pass
10	QPSK	3750	50	0	9.334	/	Pass
	16QAM	3750	50	0	9.331	/	Pass
	64QAM	3750	50	0	9.338	/	Pass
	256QAM	3750	50	0	9.513	/	Pass
15	QPSK	3750	75	0	14.077	/	Pass
	16QAM	3750	75	0	14.067	/	Pass
	64QAM	3750	75	0	14.084	/	Pass
	256QAM	3750	75	0	14.157	/	Pass
20	QPSK	3750	100	0	18.623	/	Pass
	16QAM	3750	100	0	18.645	/	Pass
	64QAM	3750	100	0	18.633	/	Pass
	256QAM	3750	100	0	18.486	/	Pass

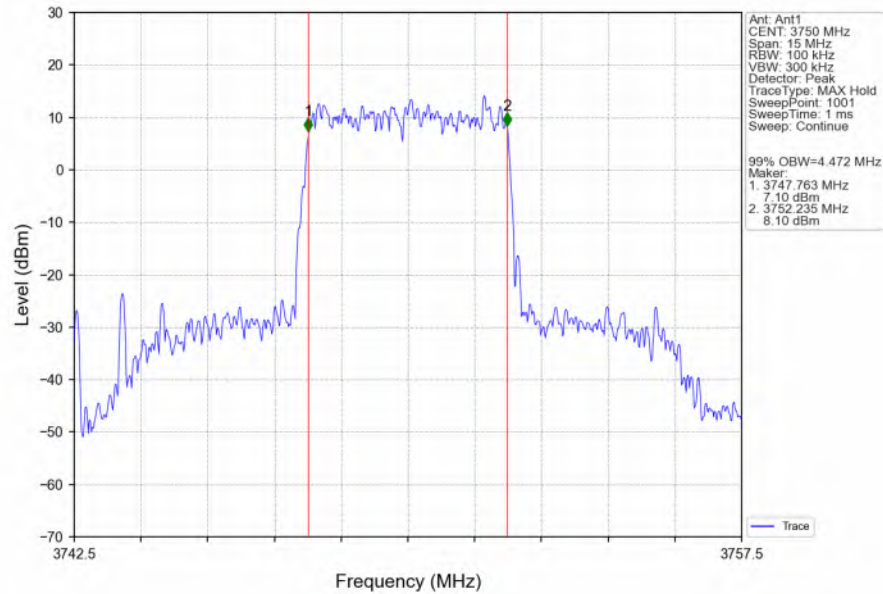
3.2 Test Graph

3.2.1 Band43d_OBW

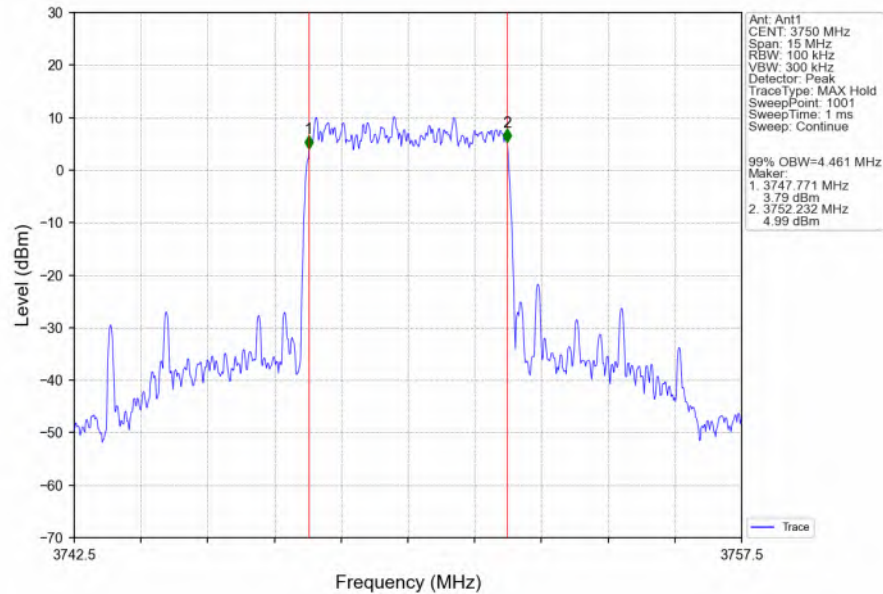




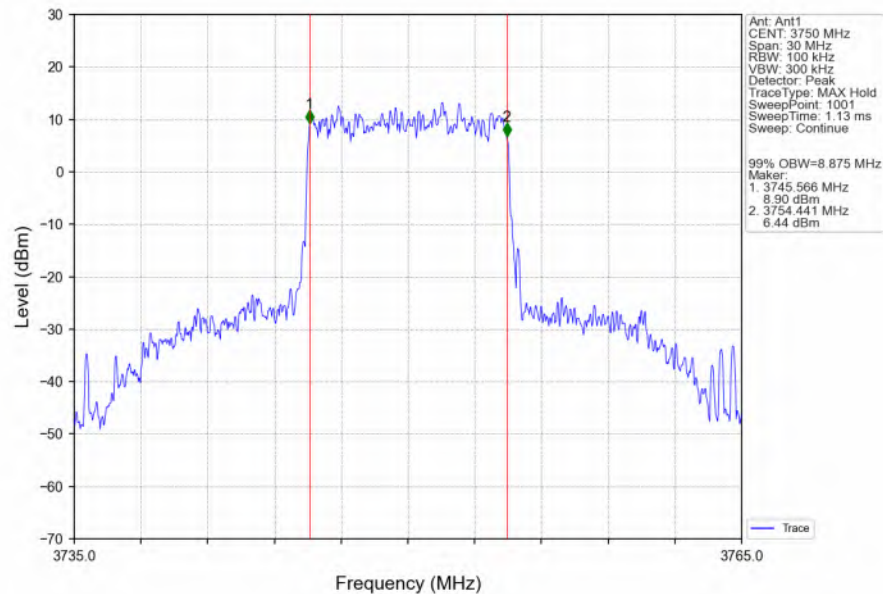
Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



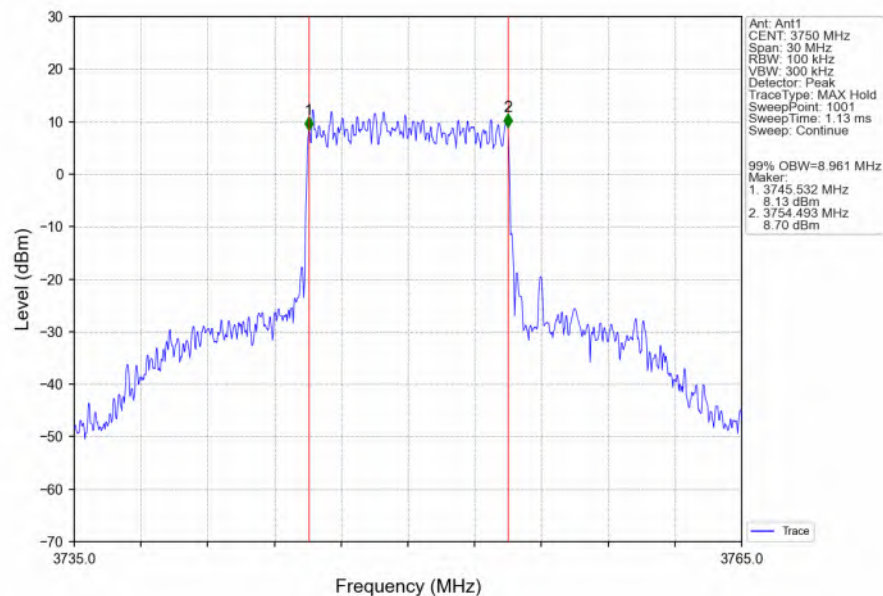
Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



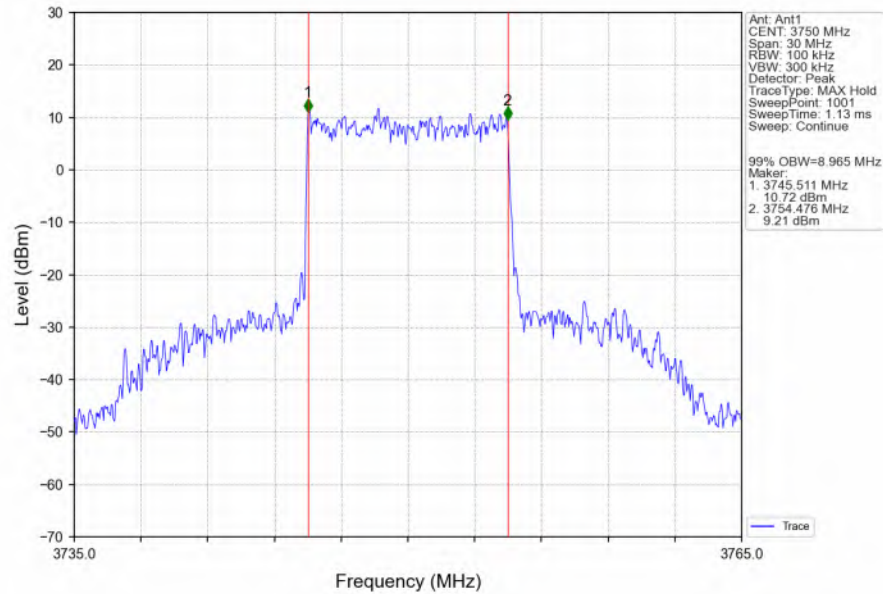
Band43d_10MHz_QPSK_MCH_3750MHz_RB_50_0_NTNV



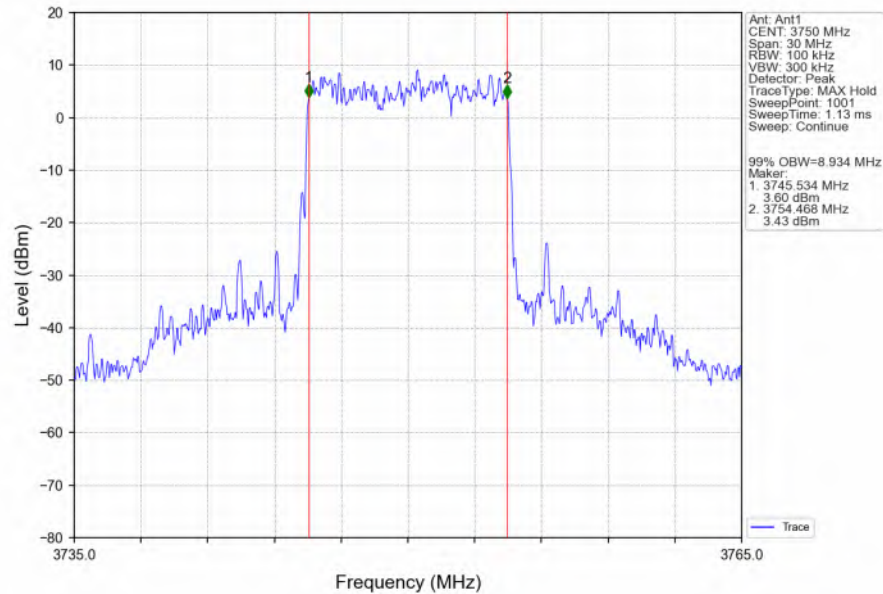
Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



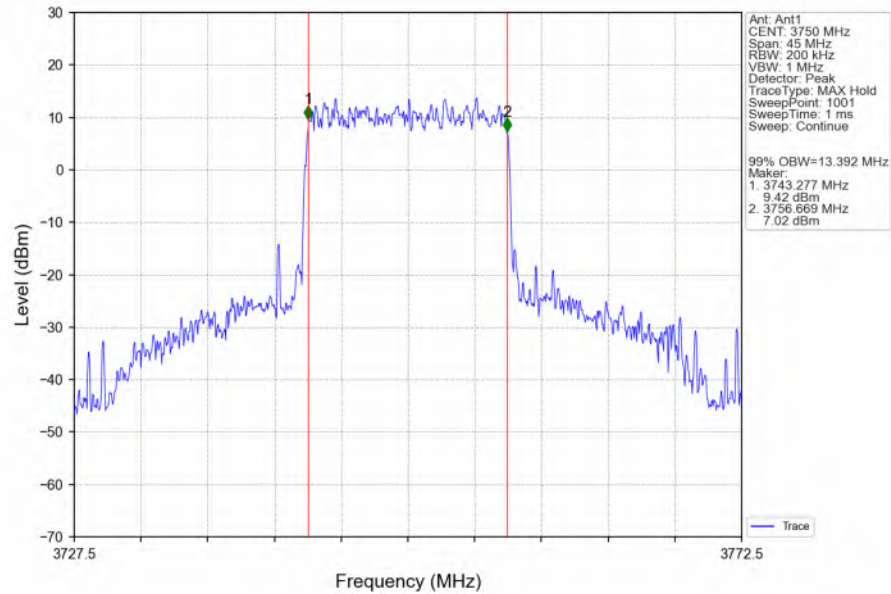
Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



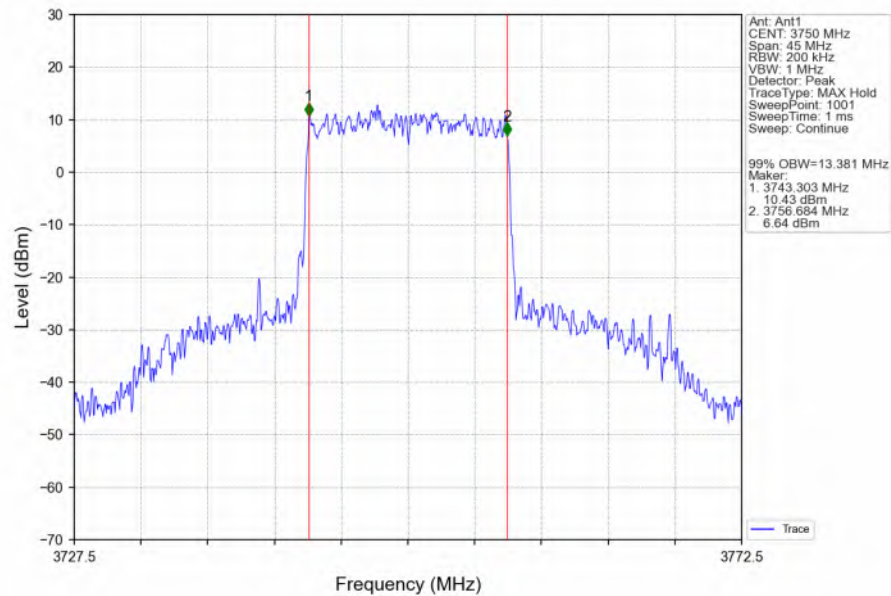
Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV



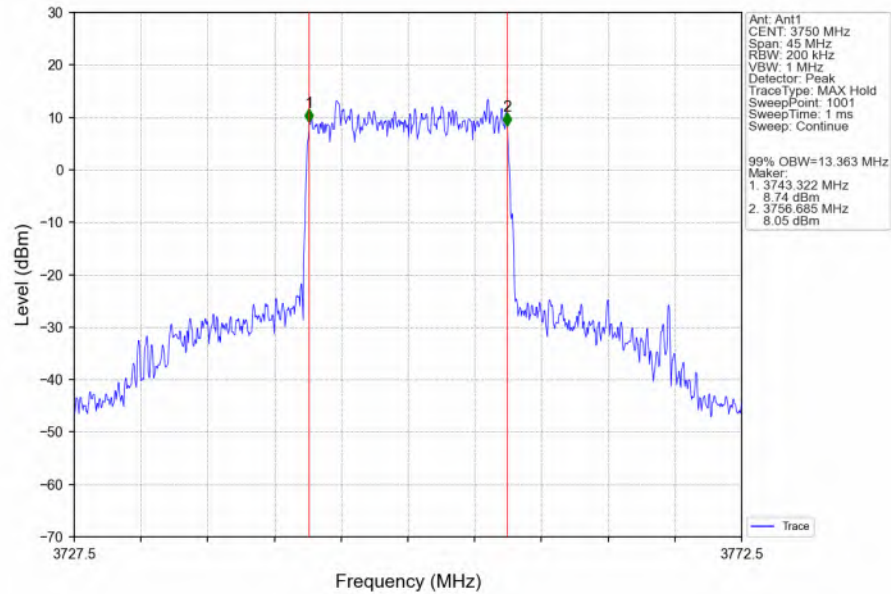
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



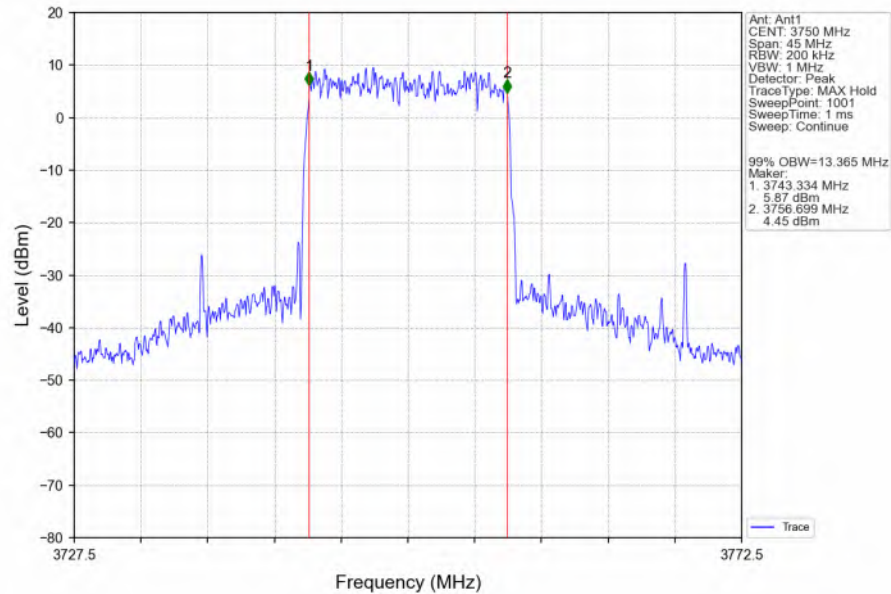
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



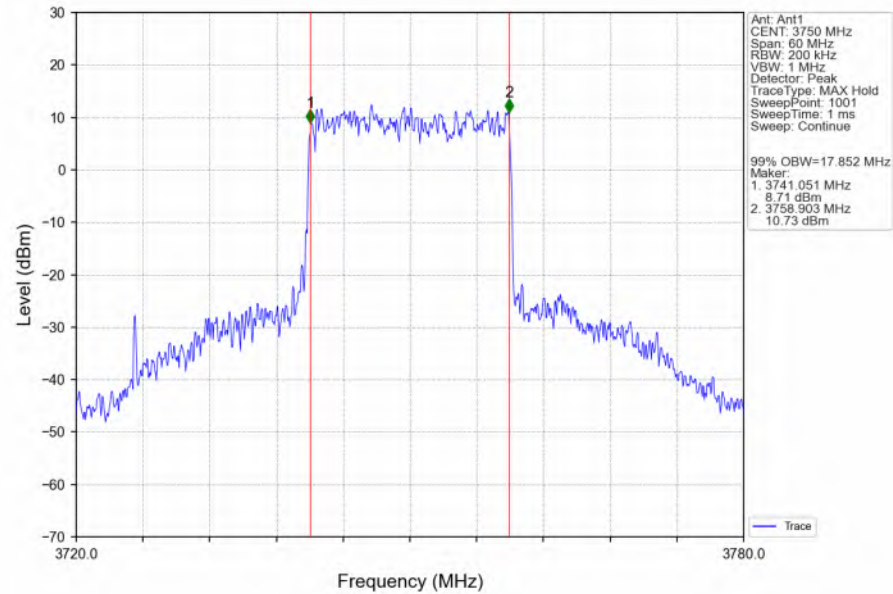
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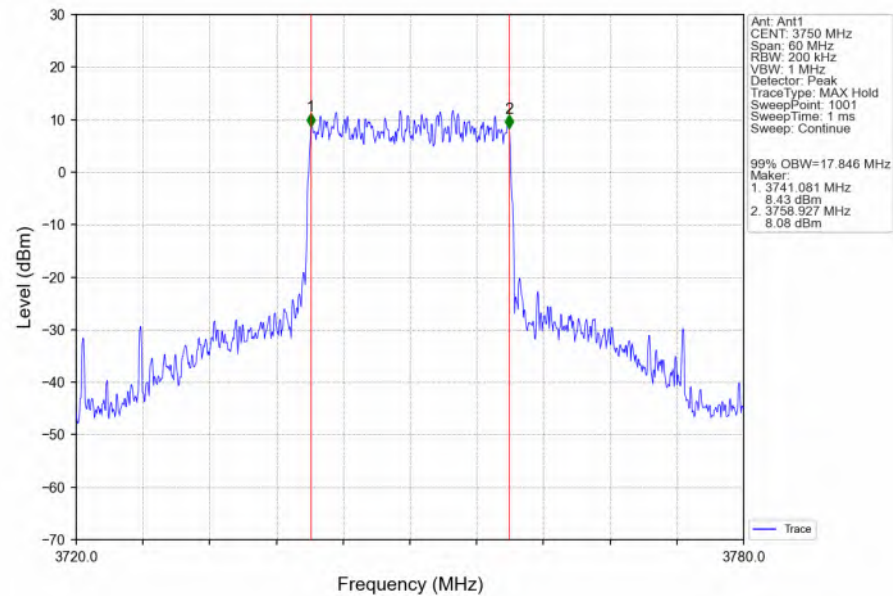
Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV



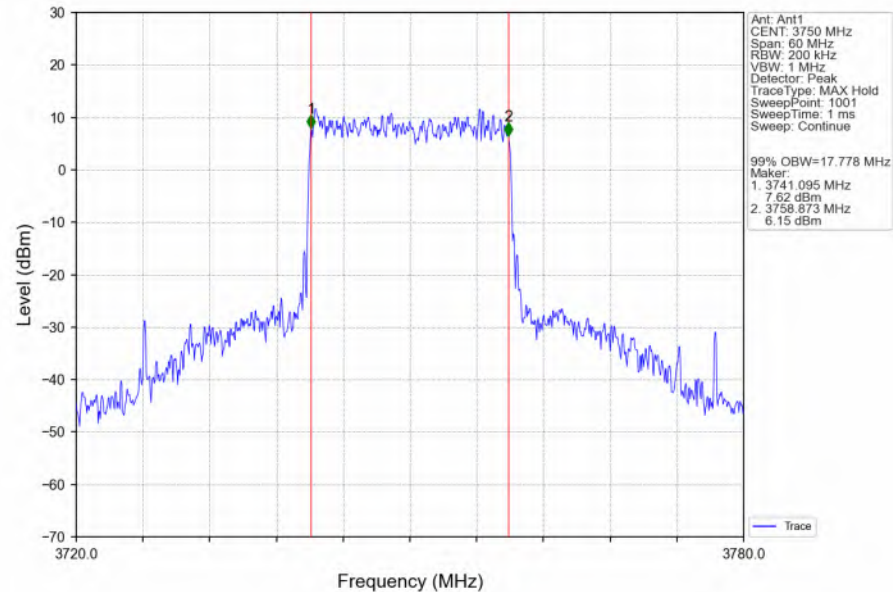
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



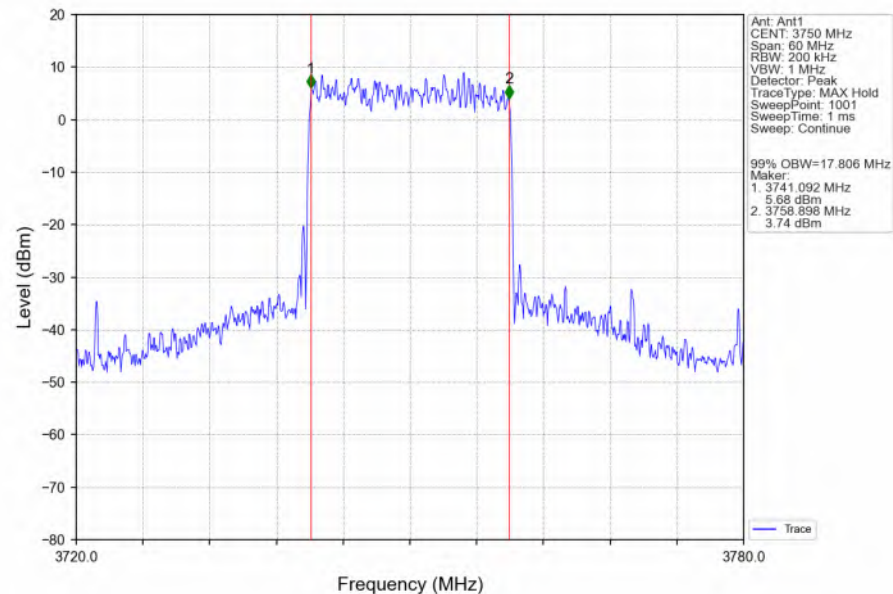
Band43d_20MHz_16QAM_MCH_3750MHz_RB_100_0_NTNV



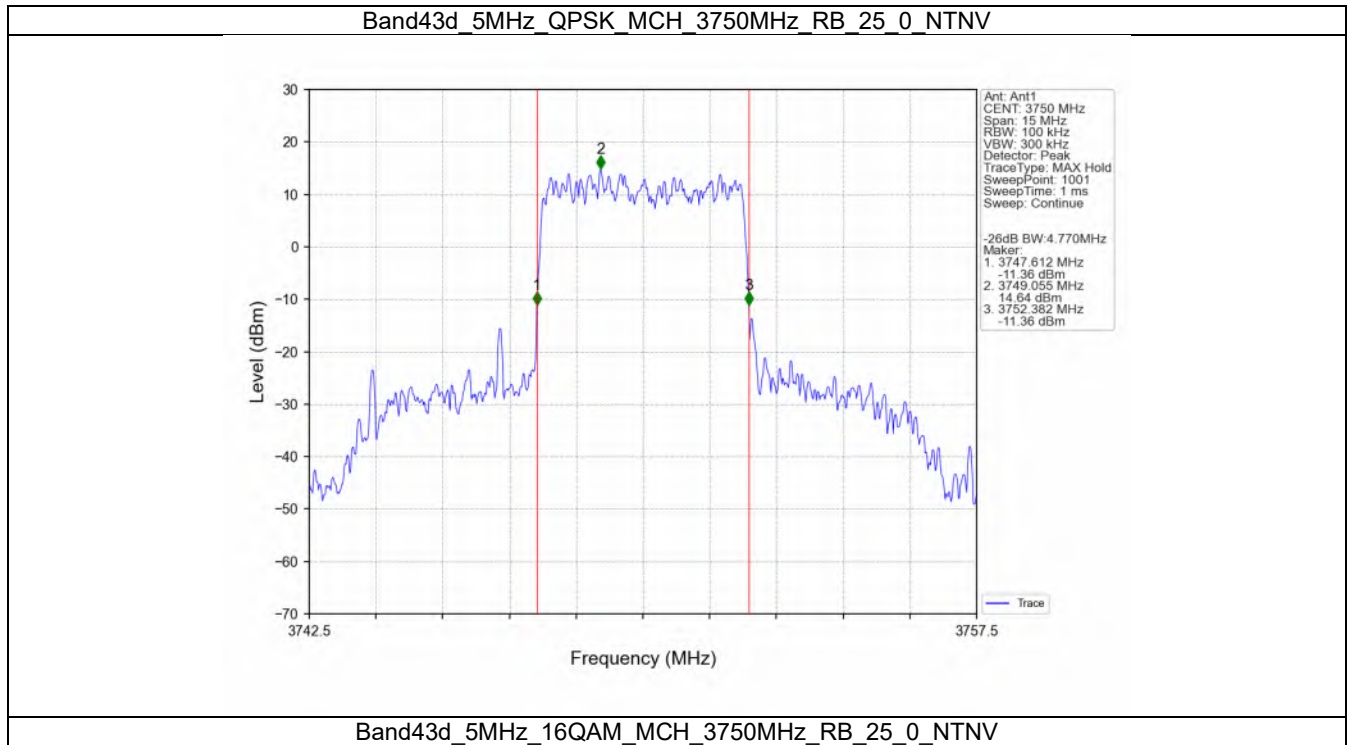
Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV

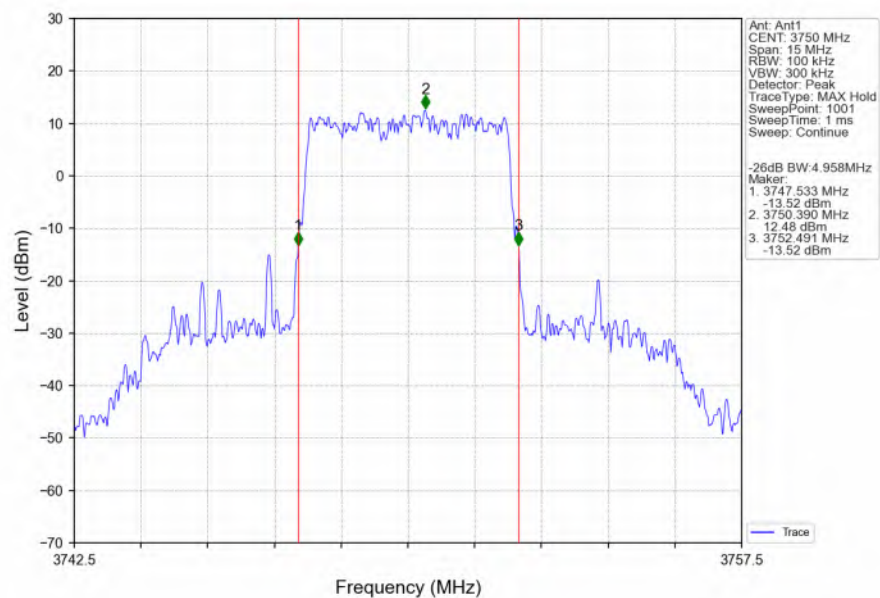


Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV

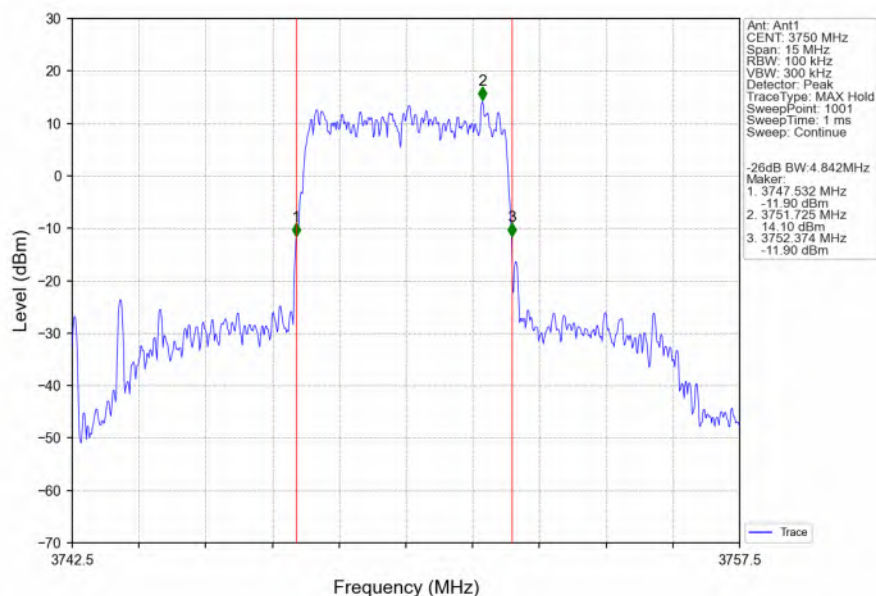


3.2.2 Band43d_XDB

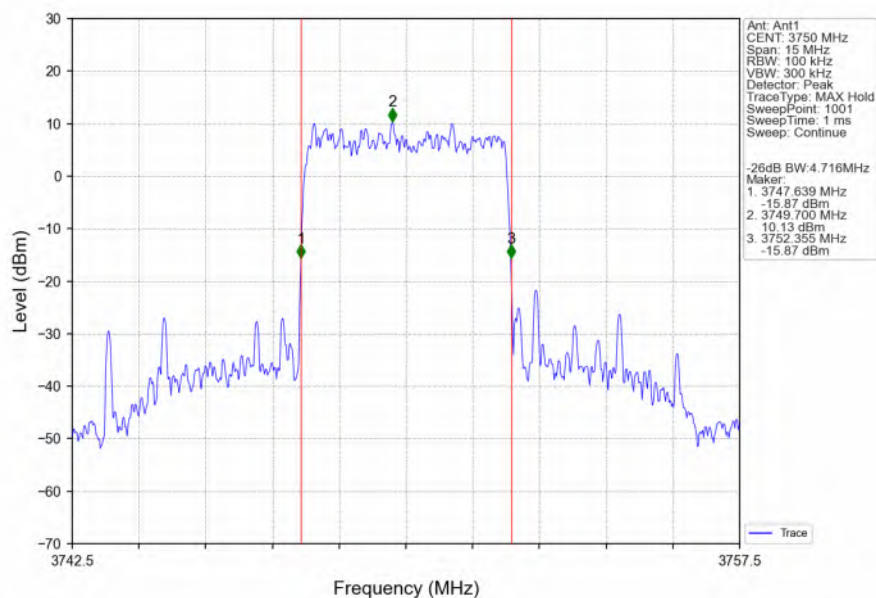




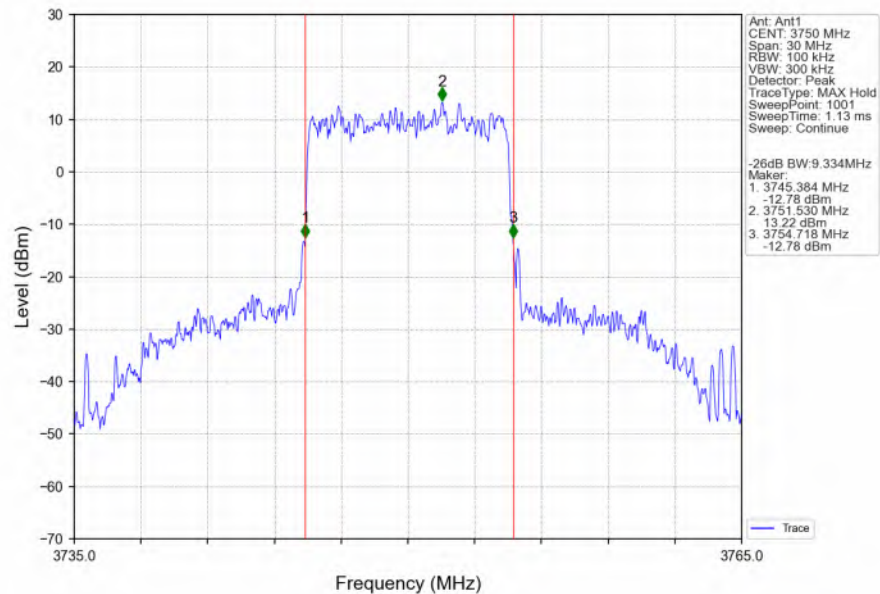
Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



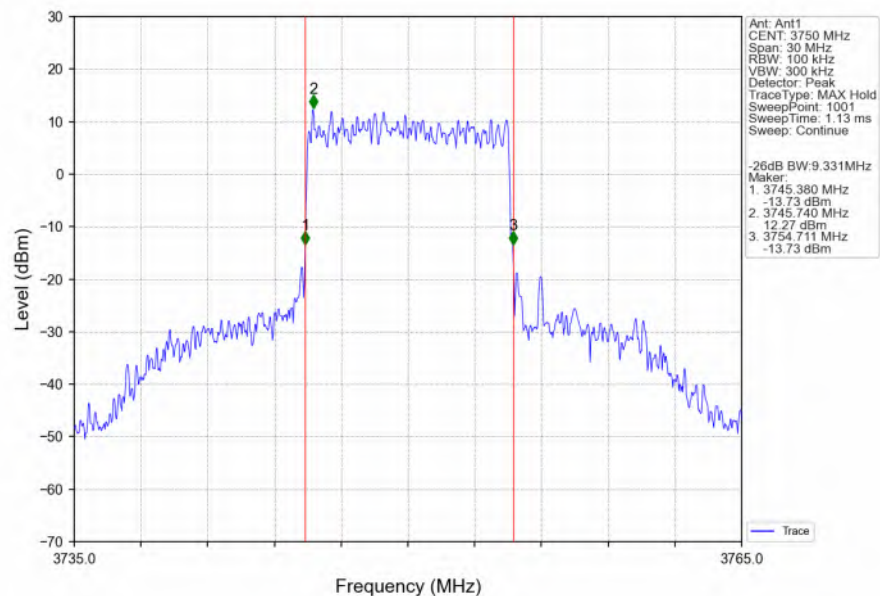
Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



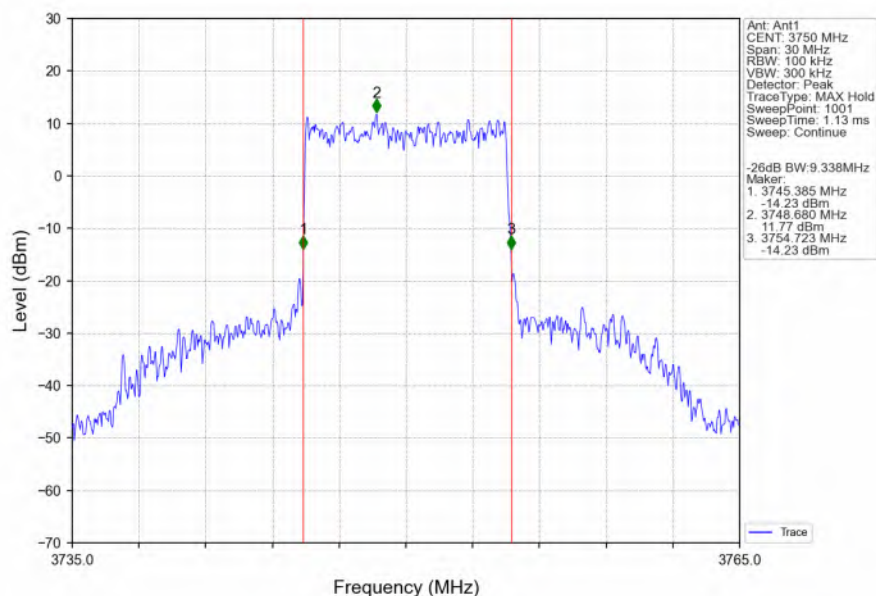
Band43d_10MHz_QPSK_MCH_3750MHz_RB_50_0_NTNV



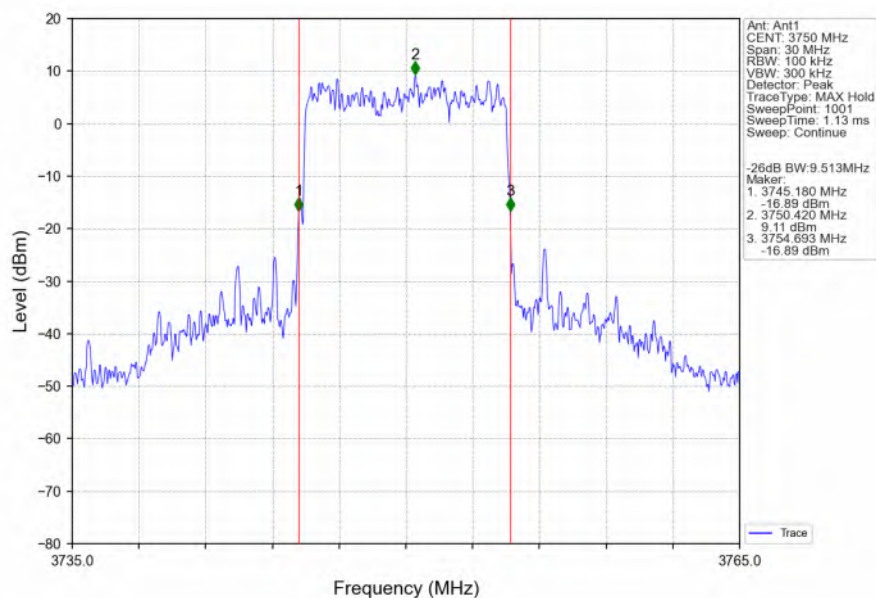
Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



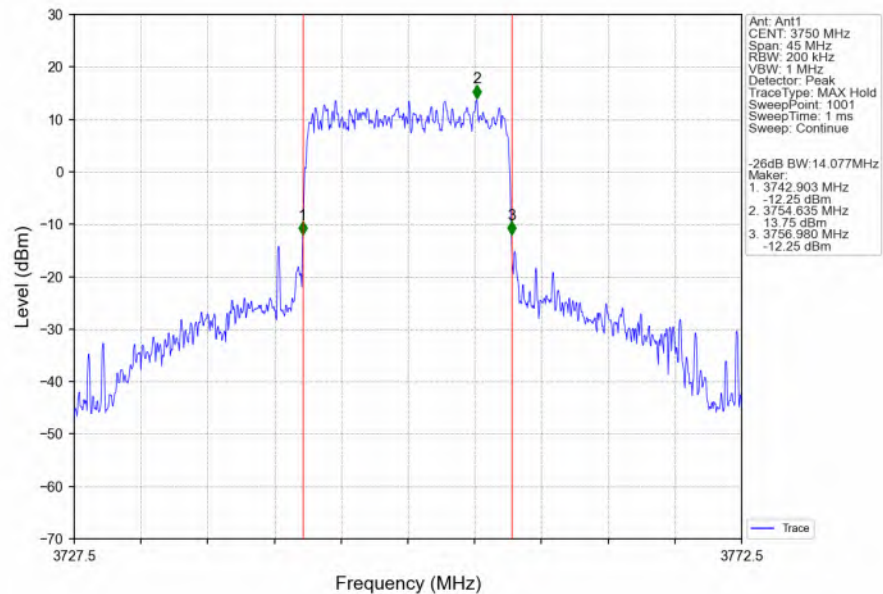
Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



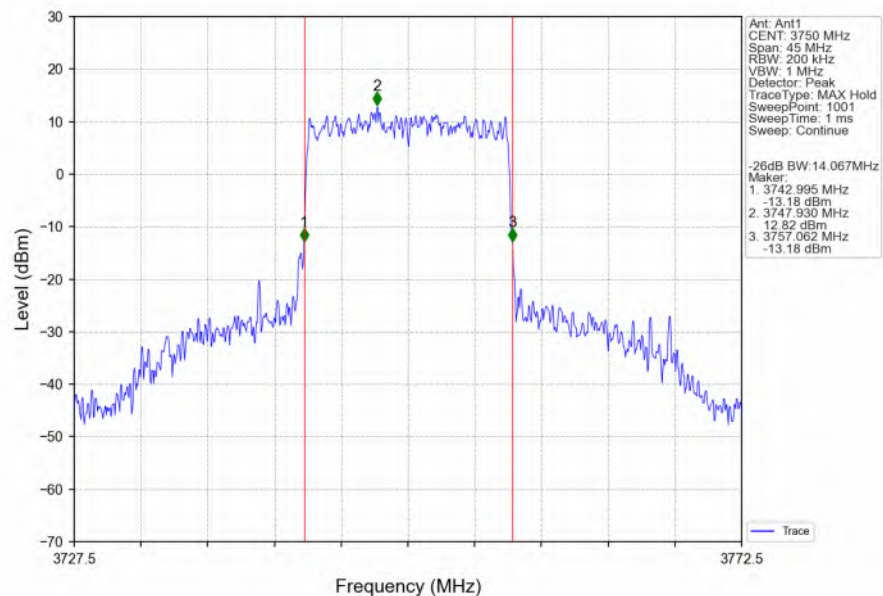
Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV



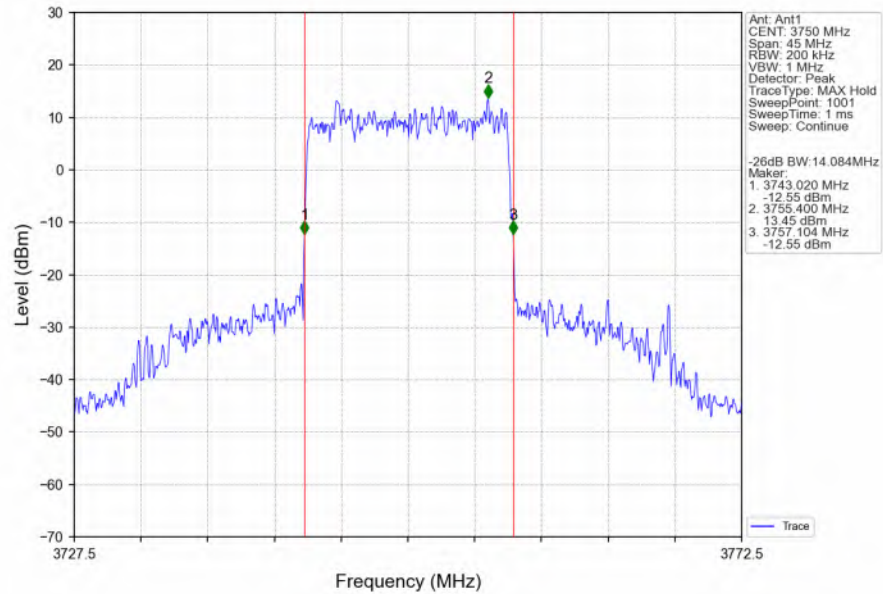
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



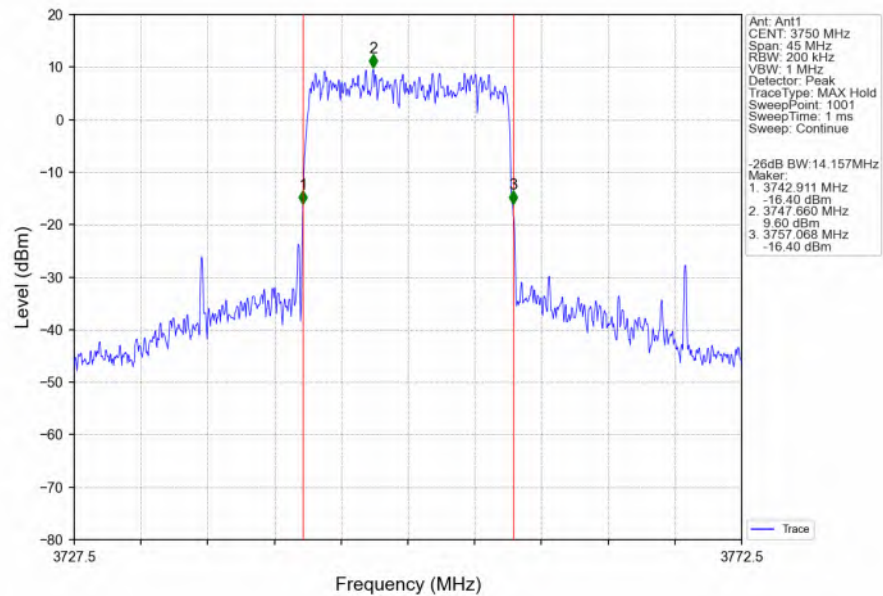
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



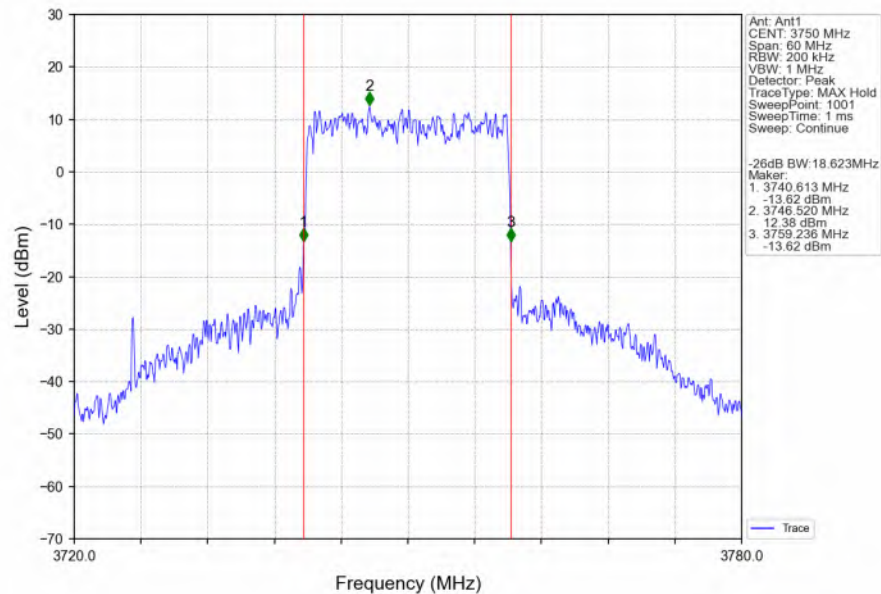
Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



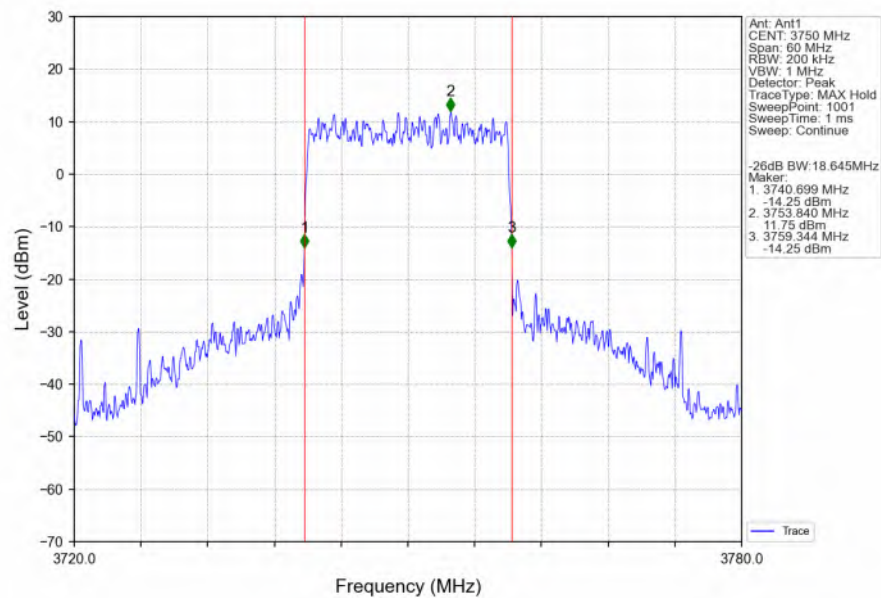
Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV



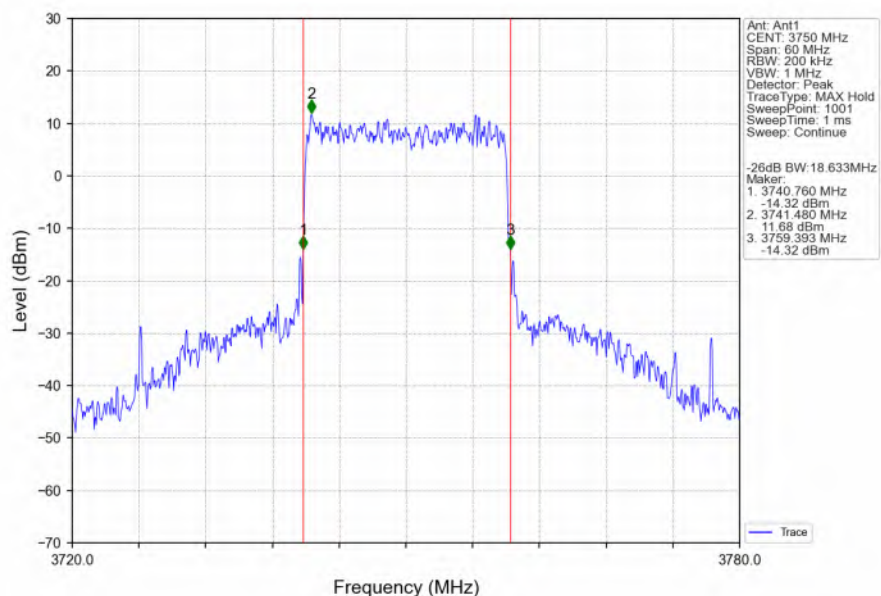
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



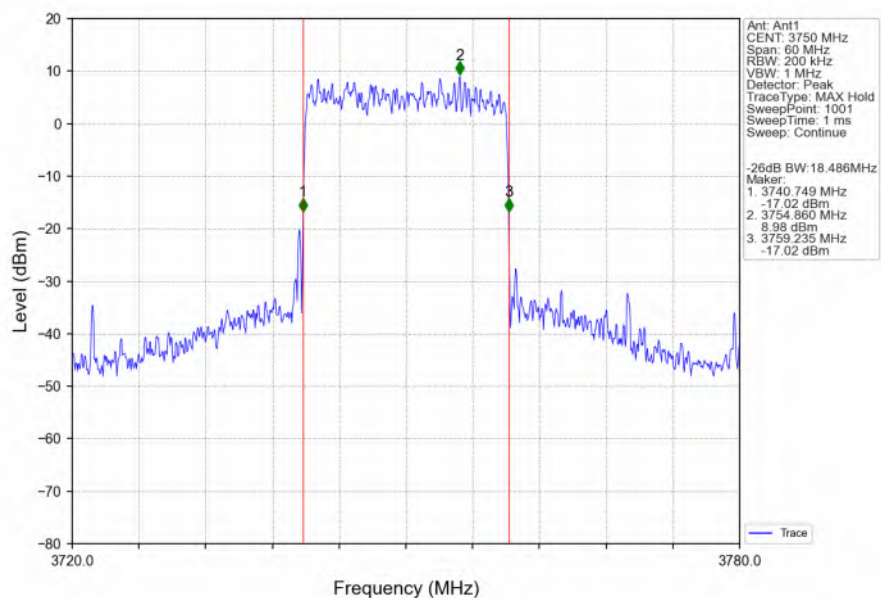
Band43d_20MHz_16QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV





Report No.: SUCR260400030106
Page: 28 of 65

4. Peak-Average Ratio

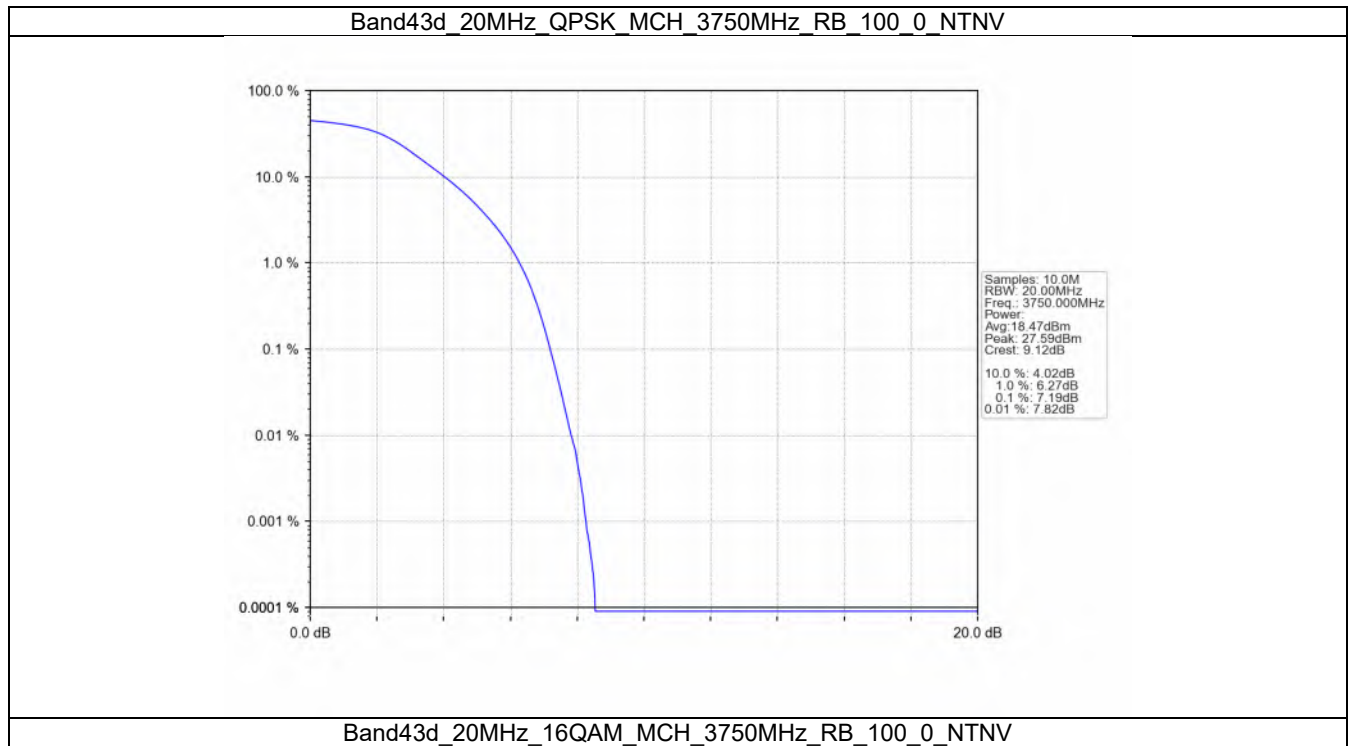
4.1 Test Result

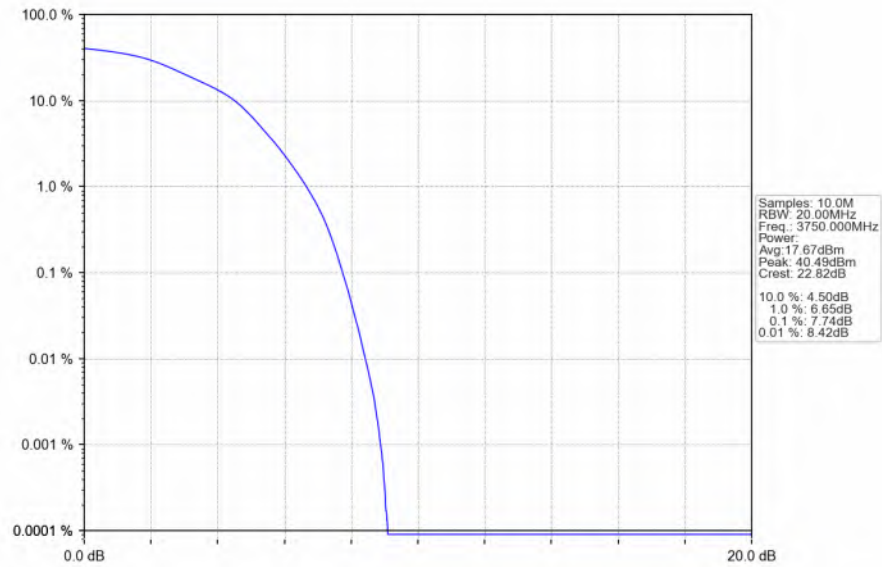
4.1.1 B43d_20MHz

Band: 43d / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3750	100	0	7.19	<=13	Pass
16QAM	3750	100	0	7.74	<=13	Pass
64QAM	3750	100	0	7.80	<=13	Pass
256QAM	3750	100	0	8.42	<=13	Pass

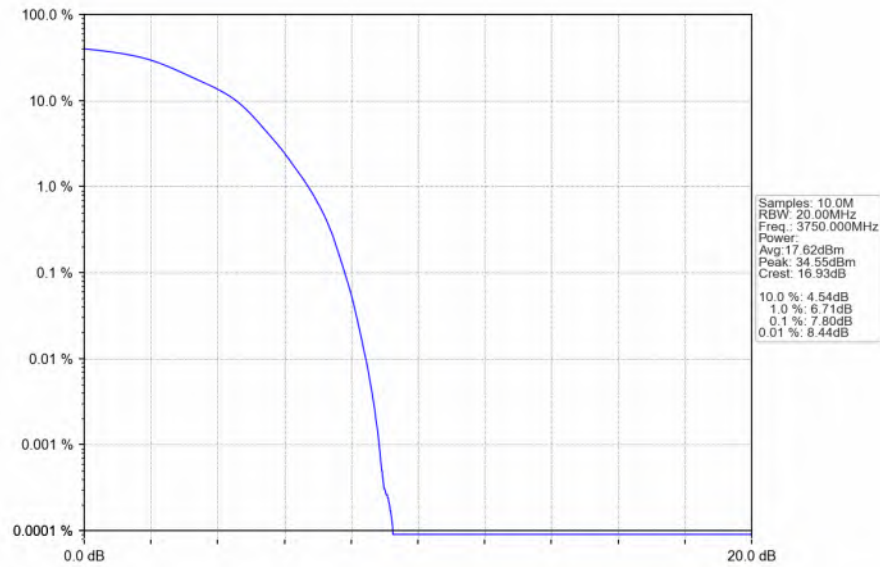
4.2 Test Graph

4.2.1 B43d_20MHz

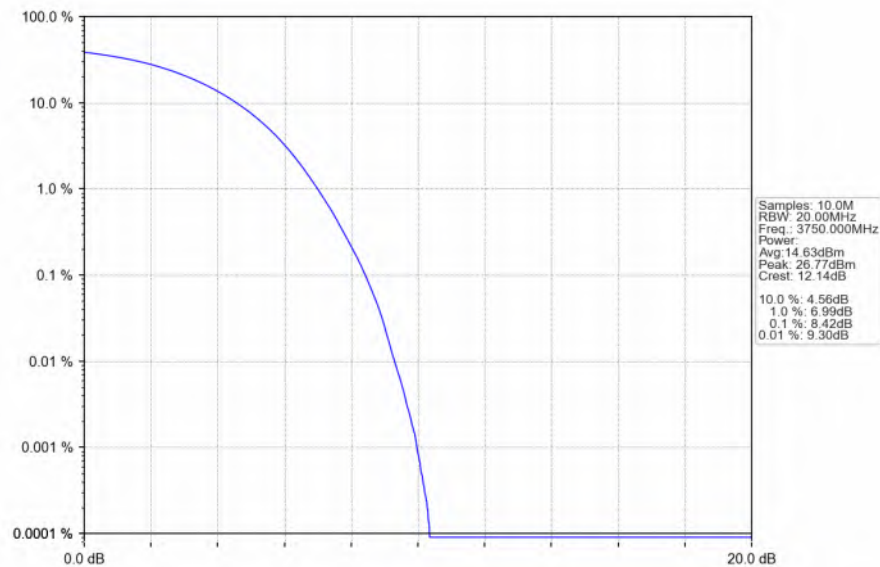




Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV





5. Spurious Emission

5.1 Test Result

5.1.1 B43d_5MHz

Band: 43d / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	3702.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	3750	1	0	Refer To Test Graph	Pass
	3797.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

5.1.2 B43d_10MHz

Band: 43d / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	3705	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	3750	1	0	Refer To Test Graph	Pass
	3795	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.3 B43d_15MHz

Band: 43d / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	3707.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	3750	1	0	Refer To Test Graph	Pass
	3792.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.1.4 B43d_20MHz

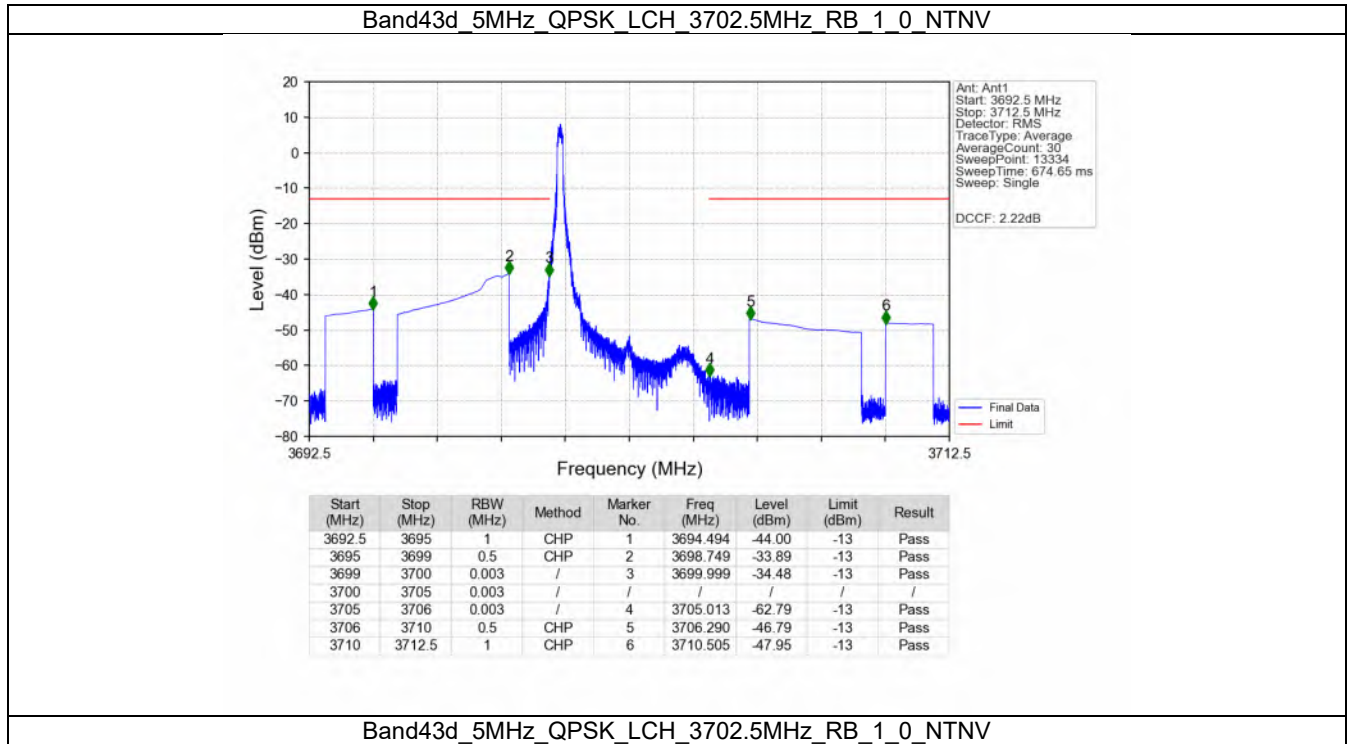
Band: 43d / Bandwidth: 20MHz / NTNV				
Modulation	Frequency	RB Allocation	Spurious Emission	Verdict

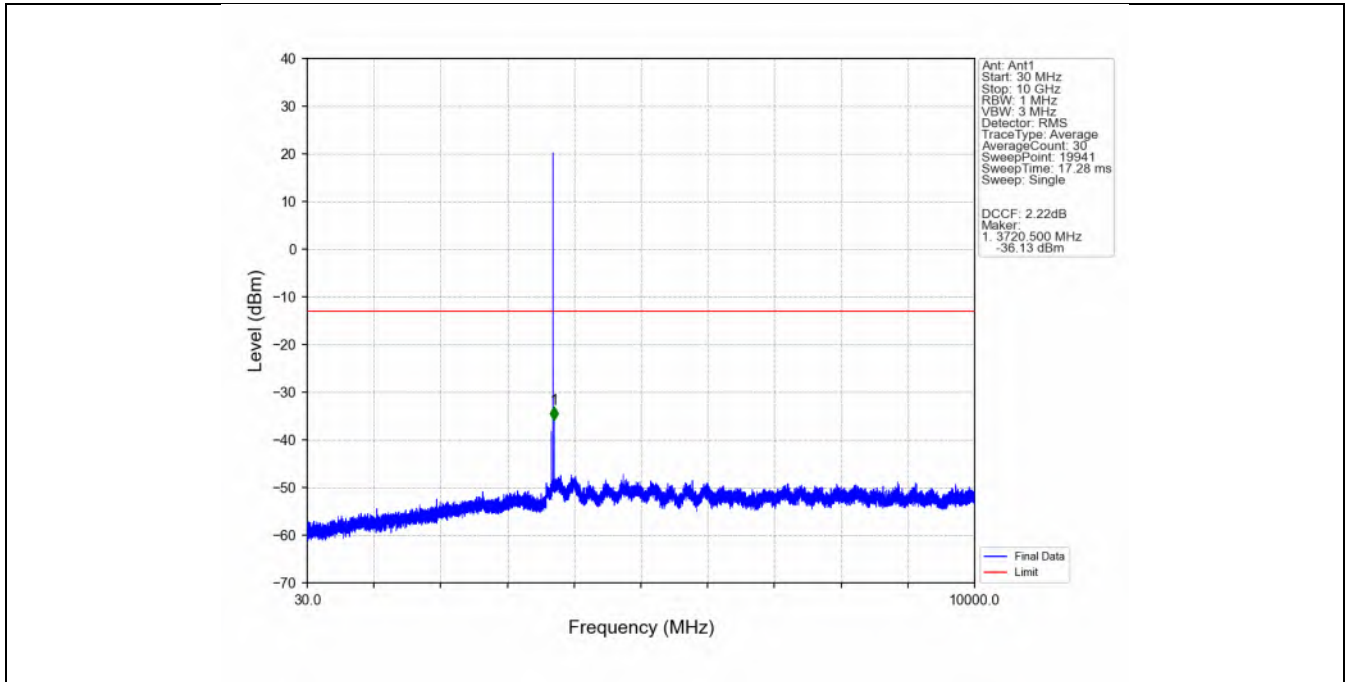


	(MHz)	Size	Offset	Result	Limit	
QPSK	3710	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
	3790	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

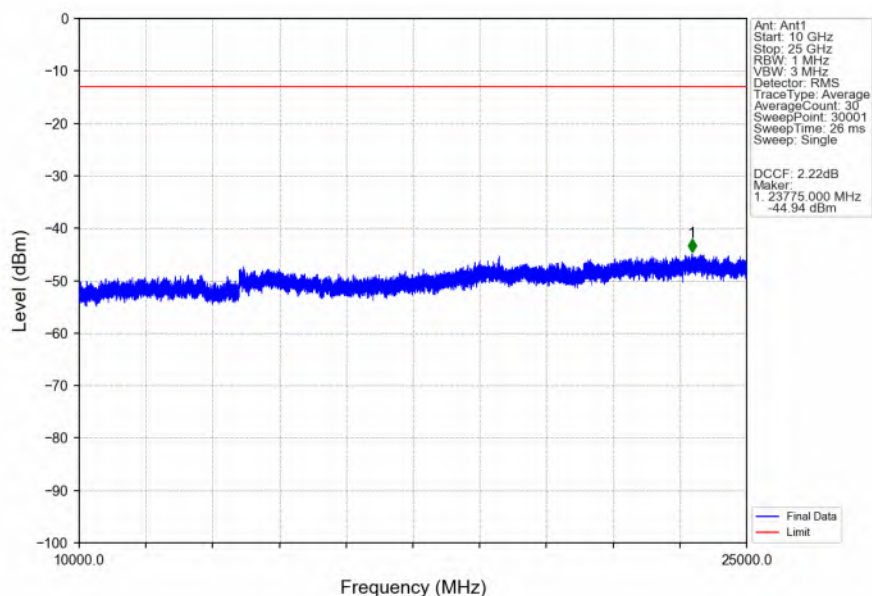
5.2 Test Graph

5.2.1 B43d_5MHz

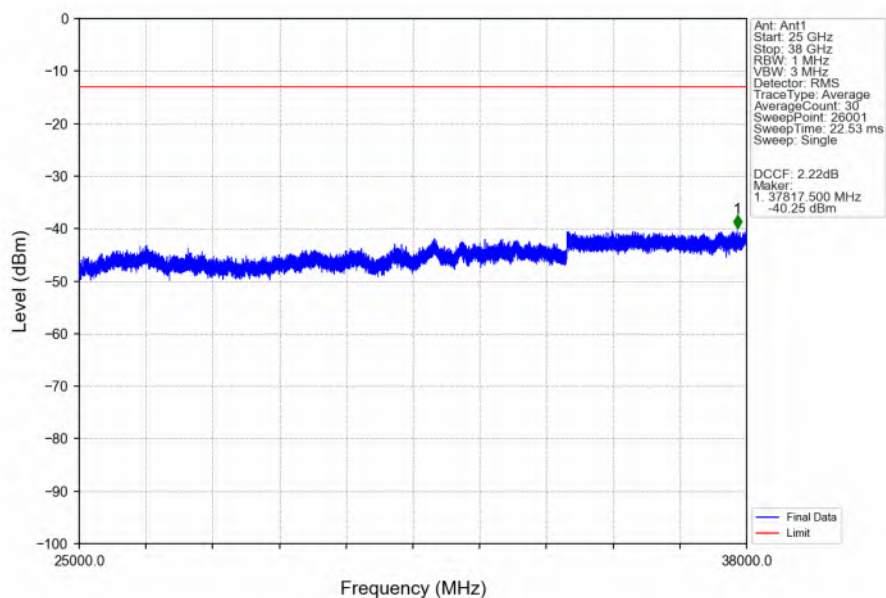




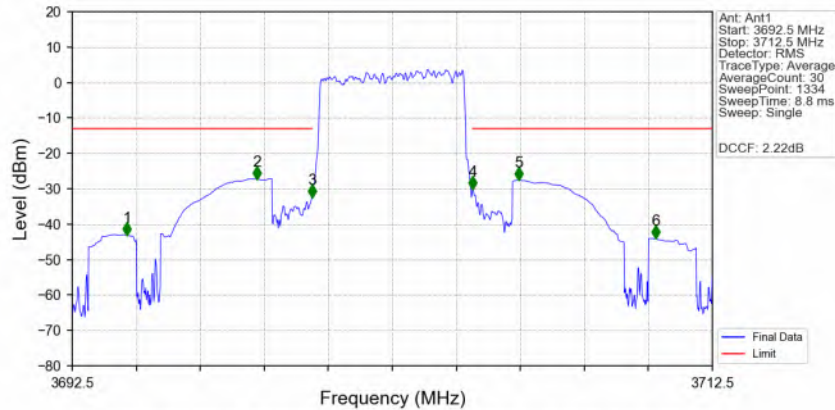
Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV



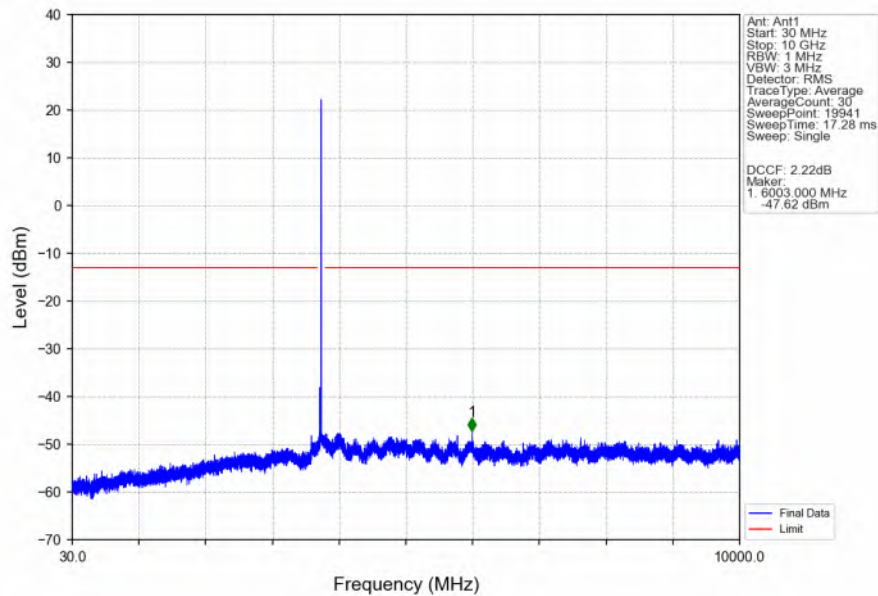
Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV



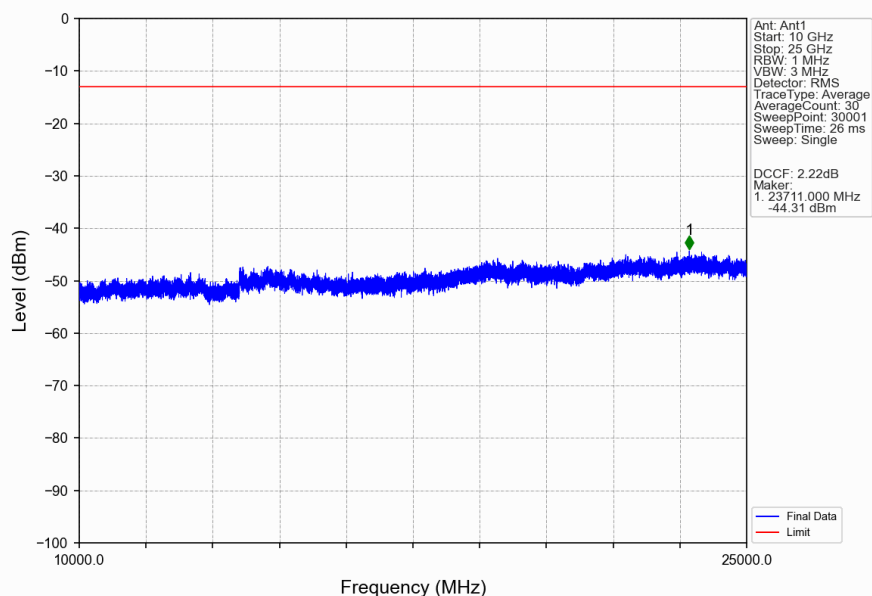
Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_25_0_NTNV



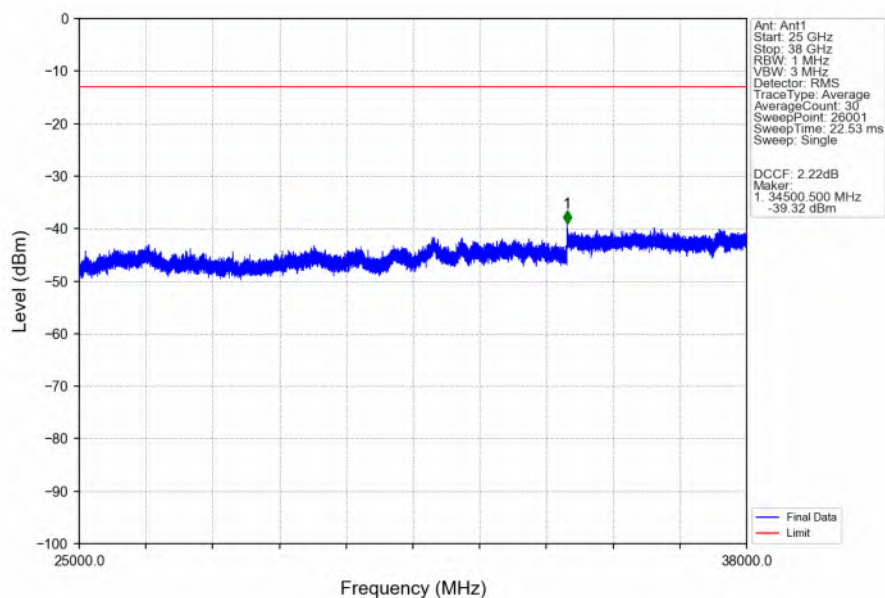
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



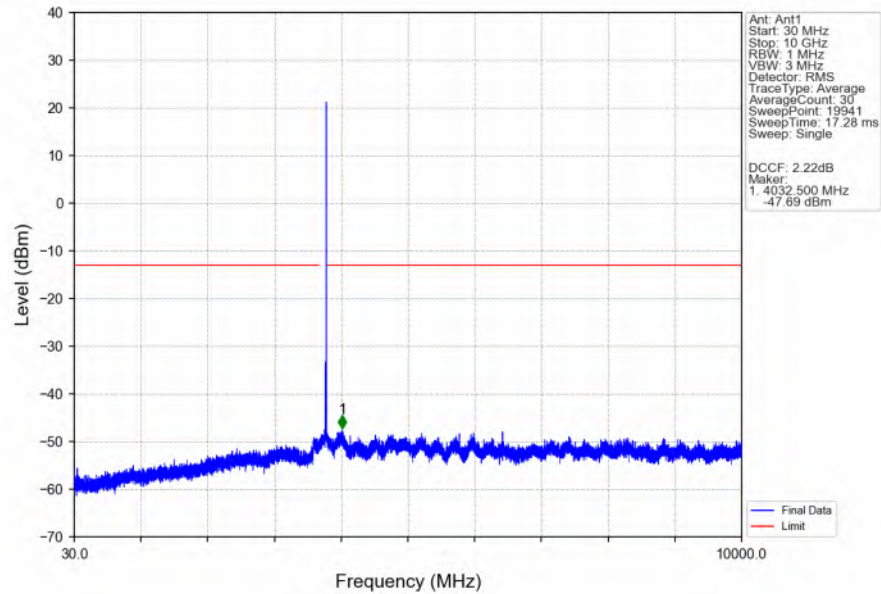
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



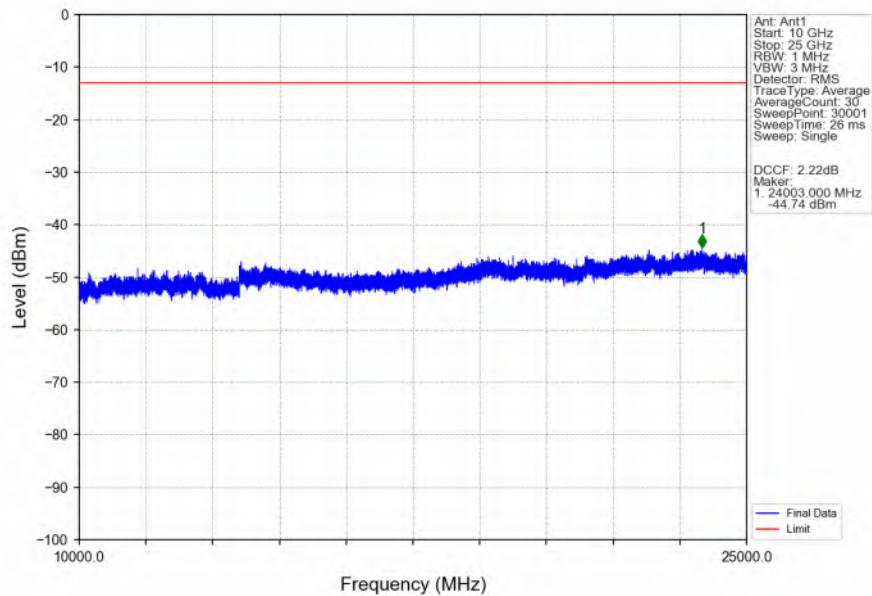
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



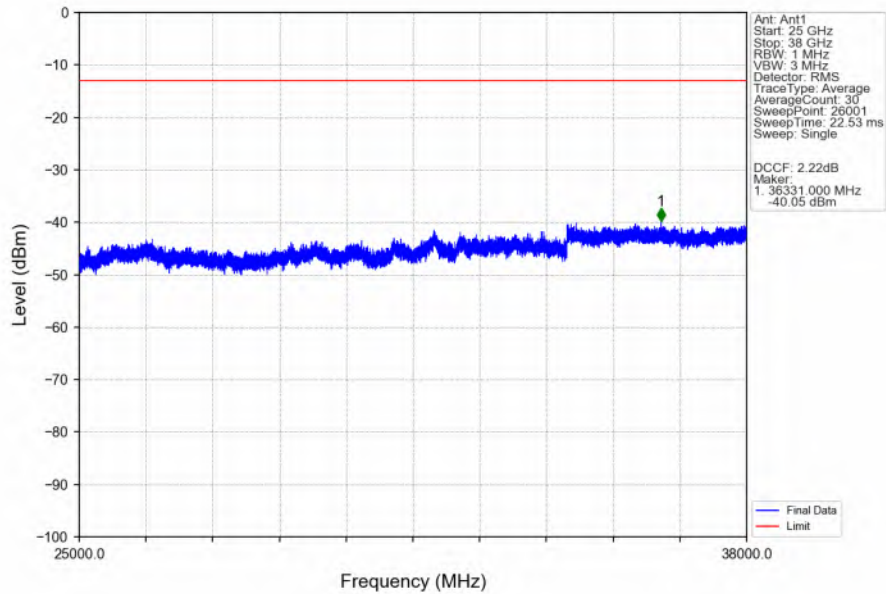
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_0_NTNV



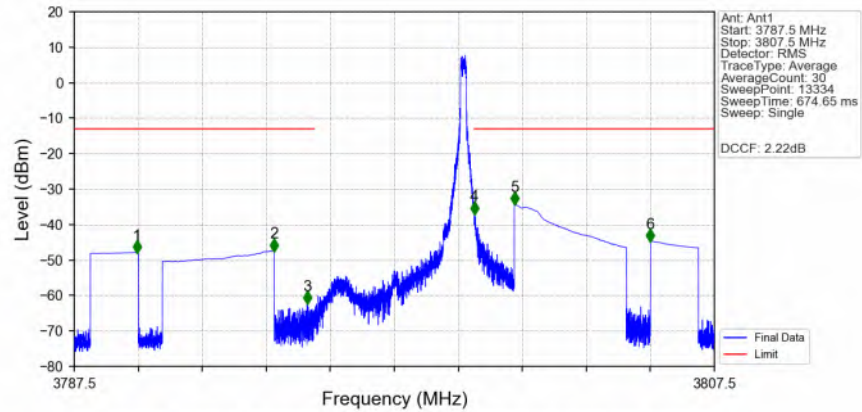
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_0_NTNV



Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_0_NTNV

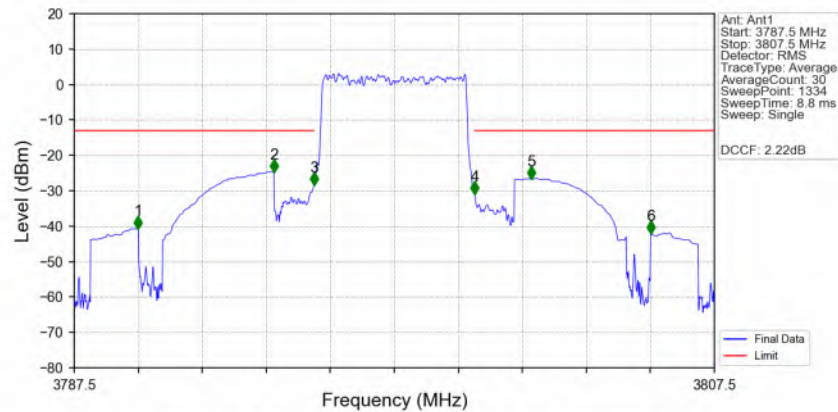


Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_1_24_NTNV



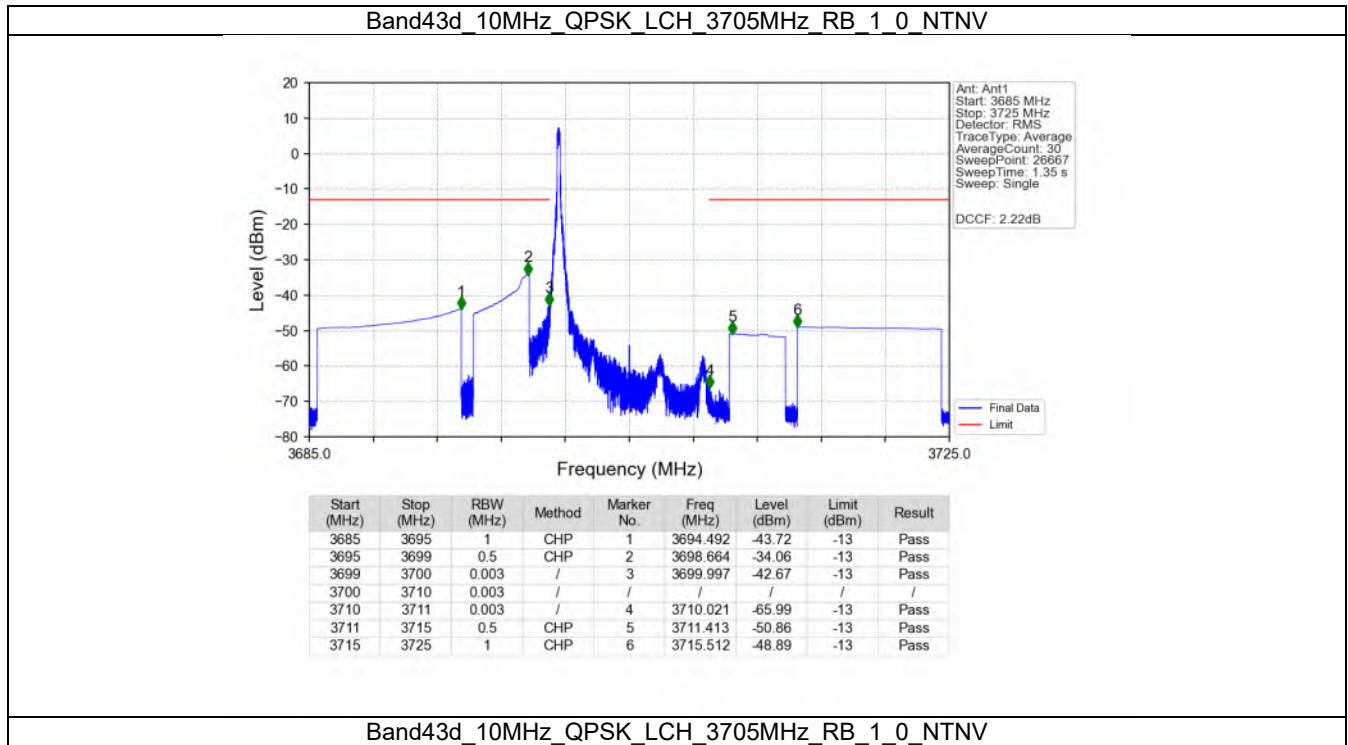
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.459	-47.81	-13	Pass
3790	3794	0.5	CHP	2	3793.748	-47.32	-13	Pass
3794	3795	0.003	/	3	3794.778	-62.17	-13	Pass
3795	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.001	-36.84	-13	Pass
3801	3805	0.5	CHP	5	3801.251	-34.17	-13	Pass
3805	3807.5	1	CHP	6	3805.502	-44.62	-13	Pass

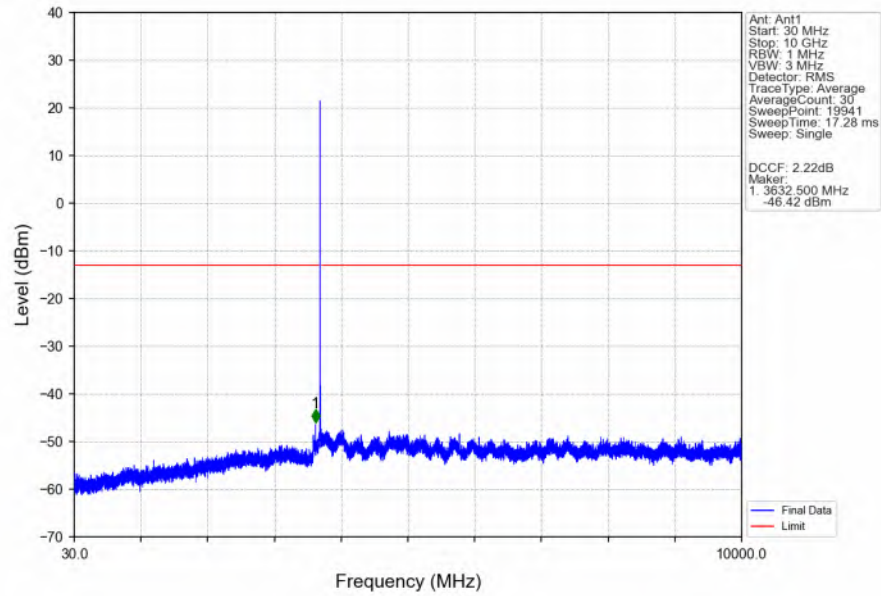
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



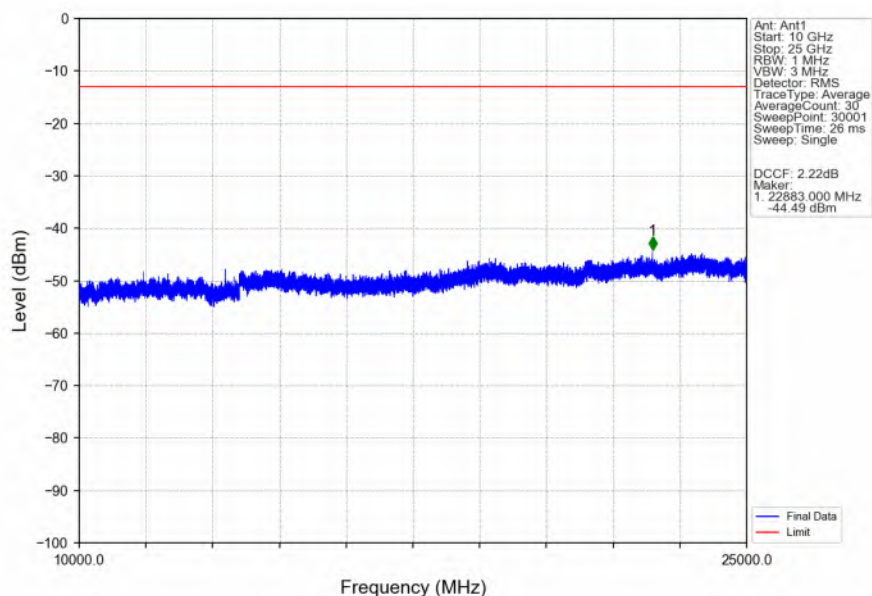
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.495	-40.45	-13	Pass
3790	3794	0.5	CHP	2	3793.742	-24.62	-13	Pass
3794	3795	0.048	CHP	3	3794.987	-28.19	-13	Pass
3795	3800	0.048	CHP	/	/	/	/	/
3800	3801	0.048	CHP	4	3800.013	-30.78	-13	Pass
3801	3805	0.5	CHP	5	3801.769	-26.45	-13	Pass
3805	3807.5	1	CHP	6	3805.505	-41.91	-13	Pass

5.2.2 B43d_10MHz

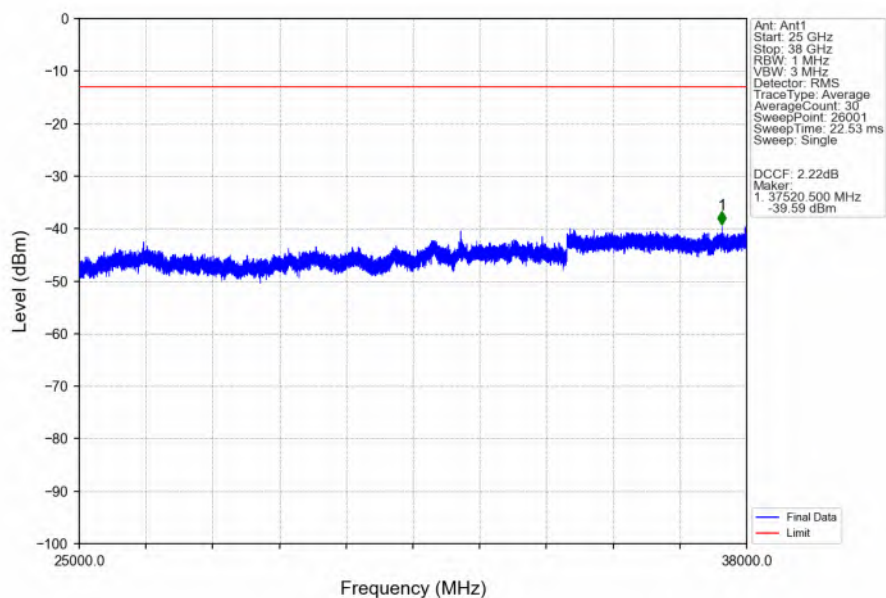




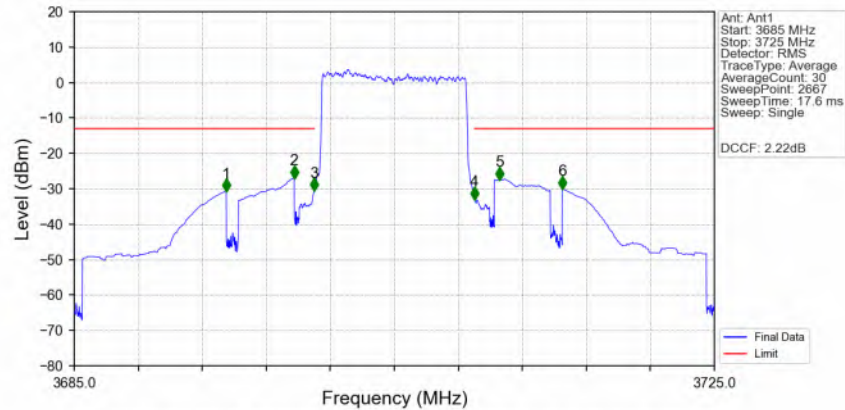
Band43d_10MHz_QPSK_LCH_3705MHz_RB_1_0_NTNV



Band43d_10MHz_QPSK_LCH_3705MHz_RB_1_0_NTNV

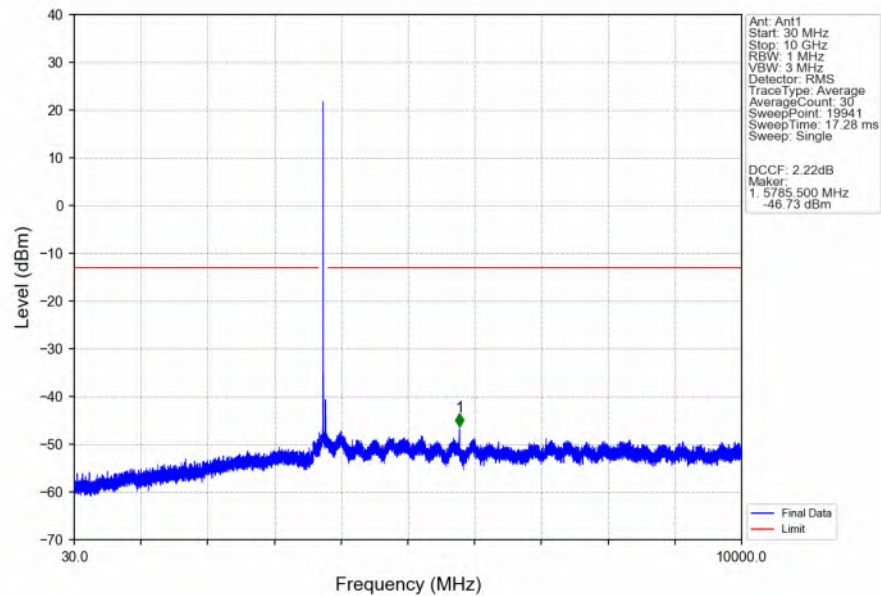


Band43d_10MHz_QPSK_LCH_3705MHz_RB_50_0_NTNV

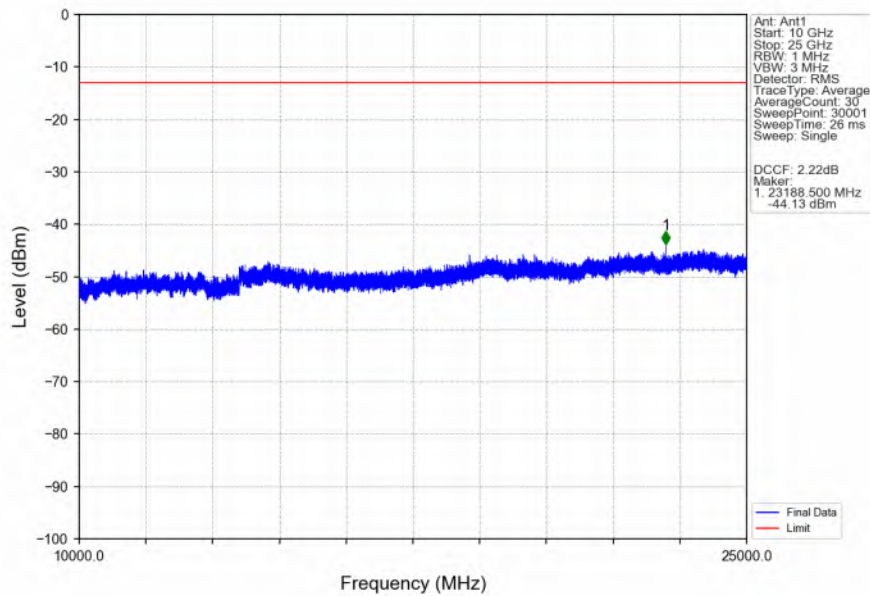


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3685	3695	1	CHP	1	3694.497	-30.53	-13	Pass
3695	3699	0.5	CHP	2	3698.743	-26.81	-13	Pass
3699	3700	0.093	CHP	3	3699.989	-30.37	-13	Pass
3700	3710	0.093	CHP	/	/	/	/	/
3710	3711	0.093	CHP	4	3710.011	-32.80	-13	Pass
3711	3715	0.5	CHP	5	3711.572	-27.24	-13	Pass
3715	3725	1	CHP	6	3715.503	-29.77	-13	Pass

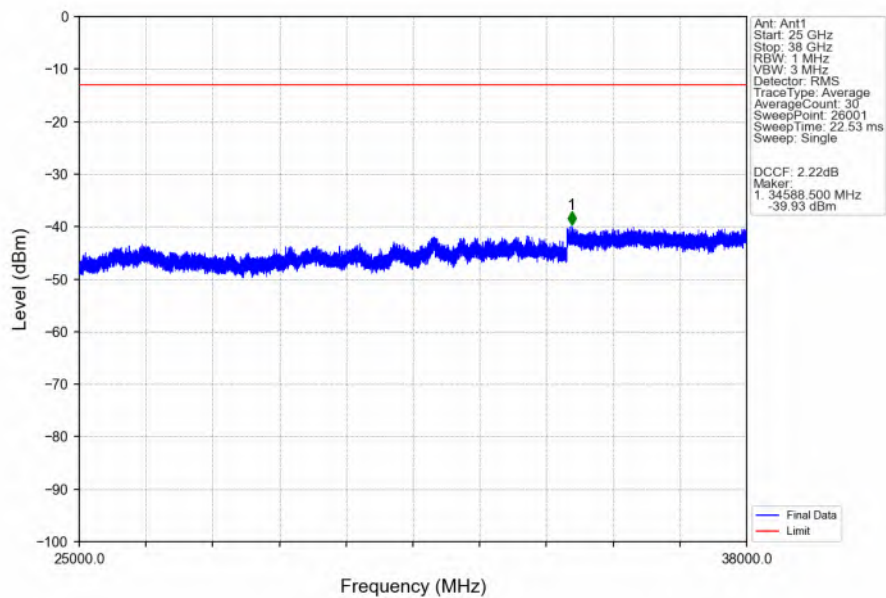
Band43d_10MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



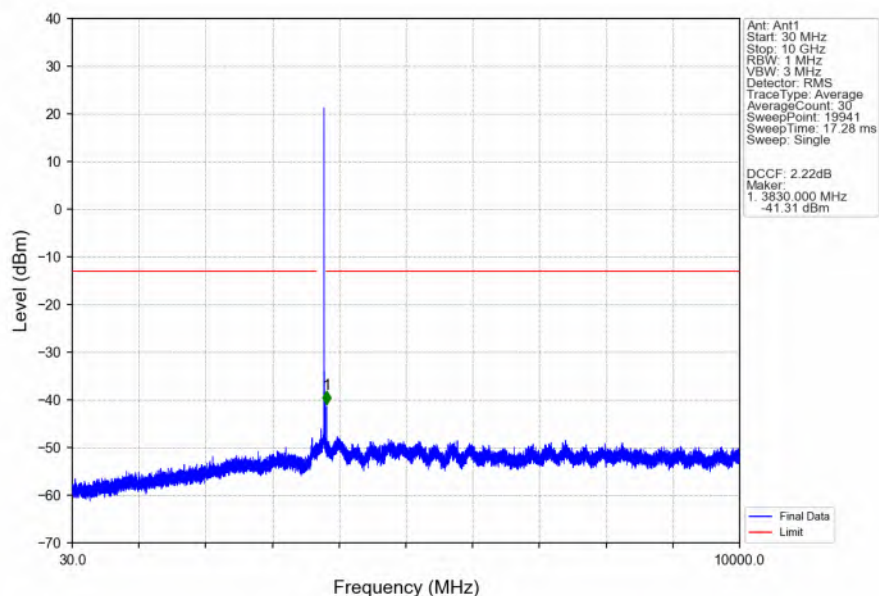
Band43d_10MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



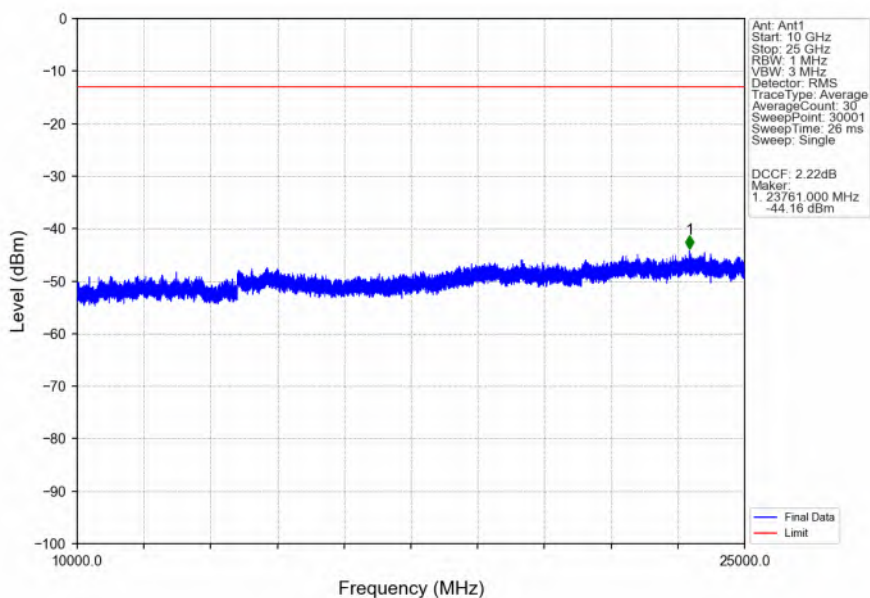
Band43d_10MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



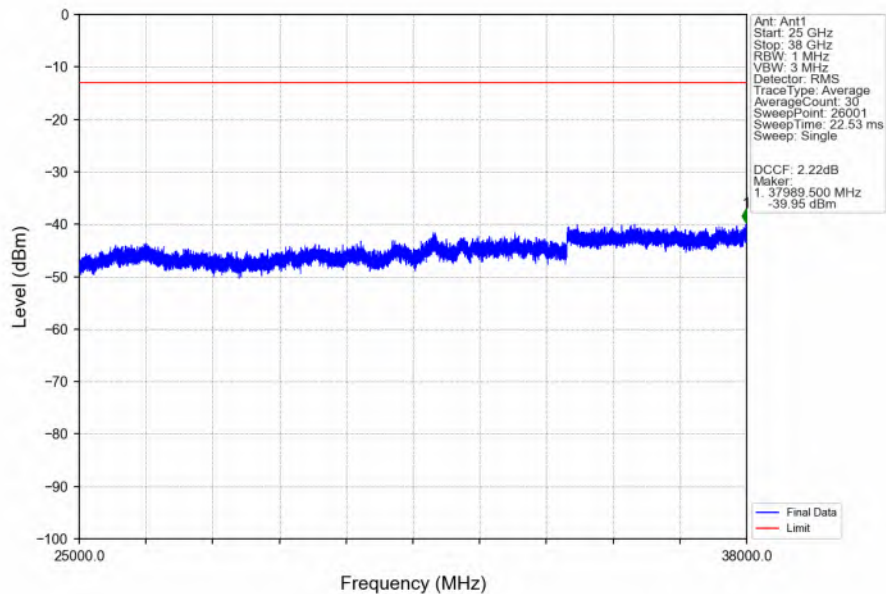
Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_0_NTNV



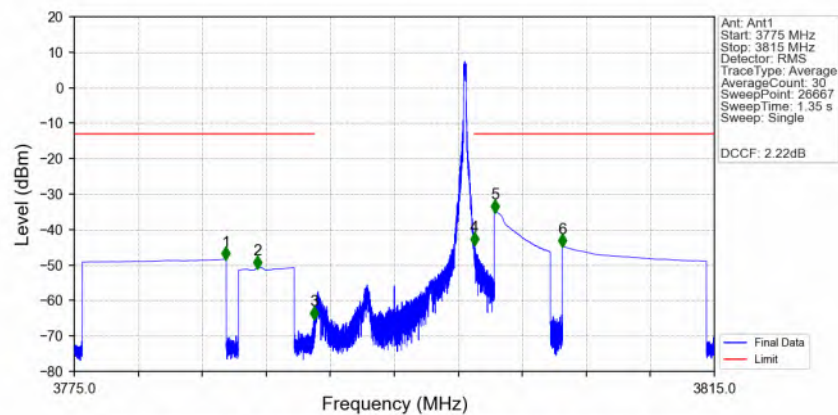
Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_0_NTNV



Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_0_NTNV

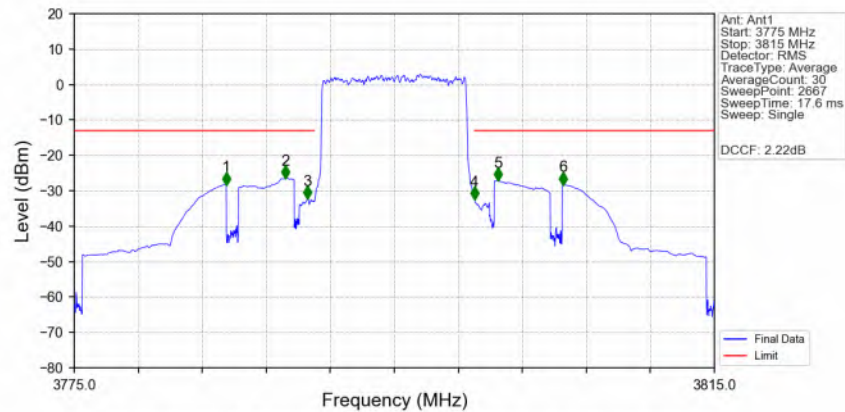


Band43d_10MHz_QPSK_HCH_3795MHz_RB_1_49_NTNV



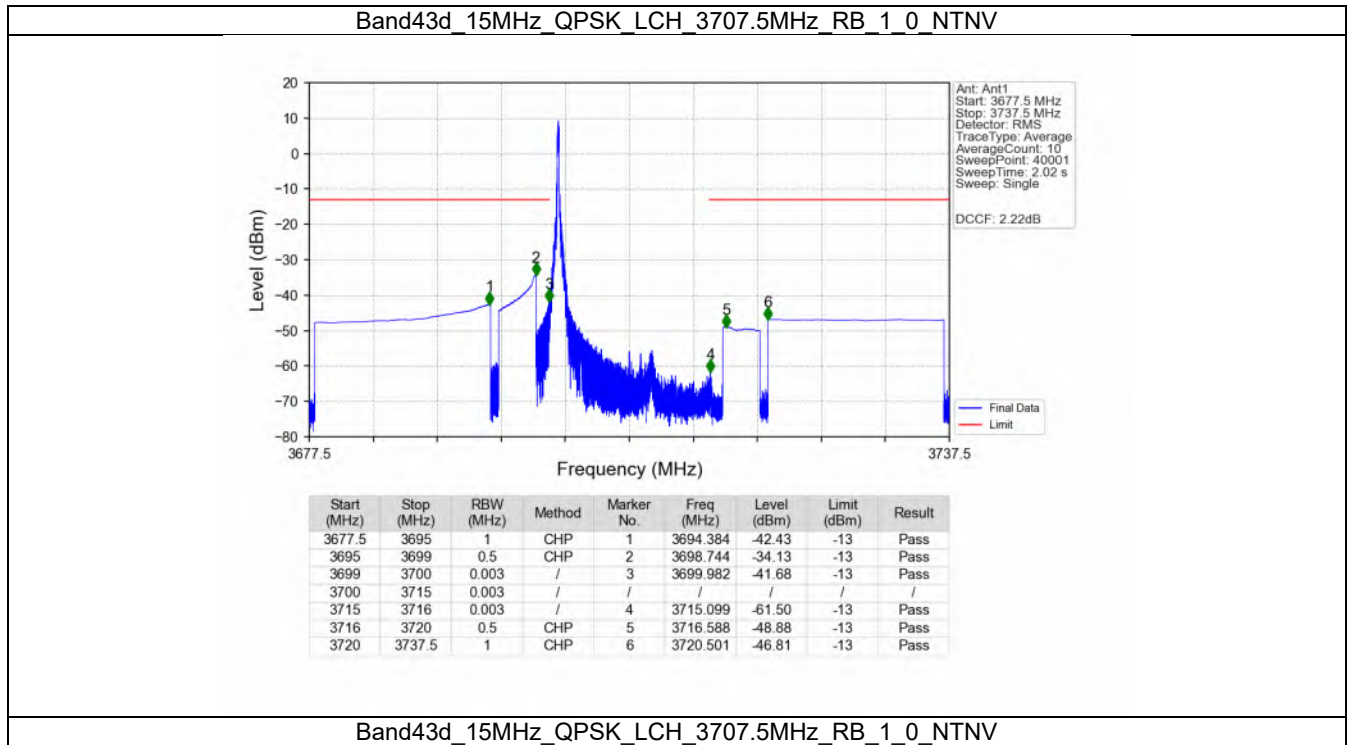
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3775	3785	1	CHP	1	3784.467	-48.35	-13	Pass
3785	3789	0.5	CHP	2	3786.462	-50.74	-13	Pass
3789	3790	0.003	/	3	3789.999	-65.02	-13	Pass
3790	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.010	-44.09	-13	Pass
3801	3805	0.5	CHP	5	3801.284	-34.90	-13	Pass
3805	3815	1	CHP	6	3805.500	-44.72	-13	Pass

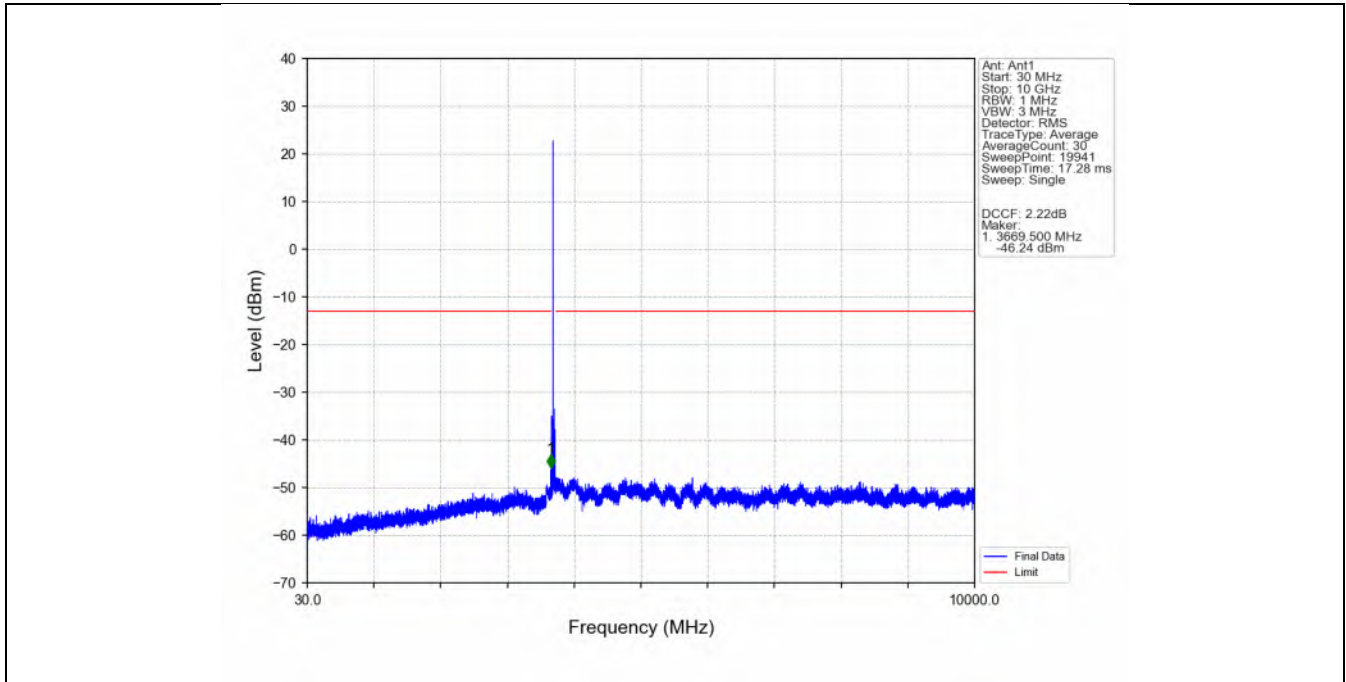
Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



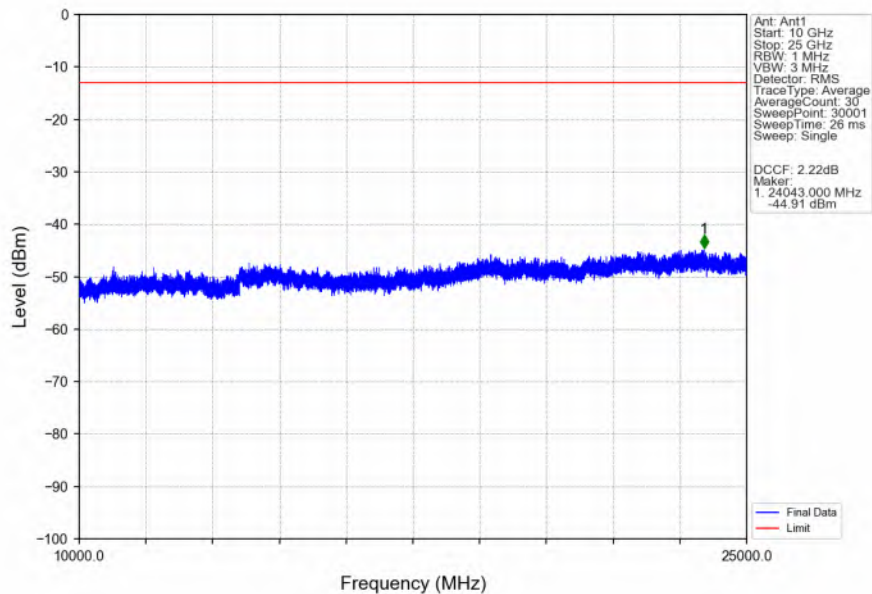
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3775	3785	1	CHP	1	3784.497	-28.11	-13	Pass
3785	3789	0.5	CHP	2	3788.203	-26.31	-13	Pass
3789	3790	0.093	CHP	3	3789.569	-32.00	-13	Pass
3790	3800	0.093	CHP	/	/	/	/	/
3800	3801	0.093	CHP	4	3800.011	-32.22	-13	Pass
3801	3805	0.5	CHP	5	3801.467	-26.97	-13	Pass
3805	3815	1	CHP	6	3805.548	-28.08	-13	Pass

5.2.3 B43d_15MHz

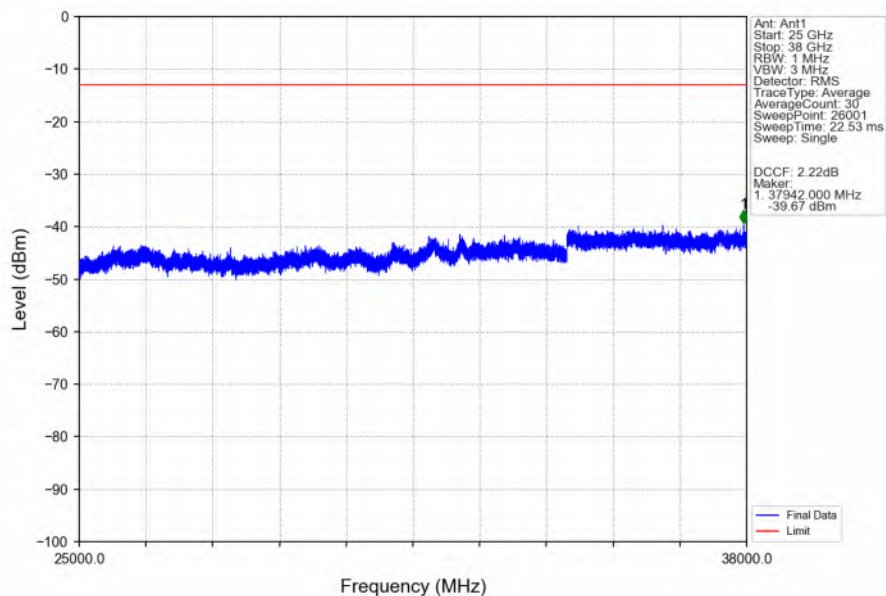




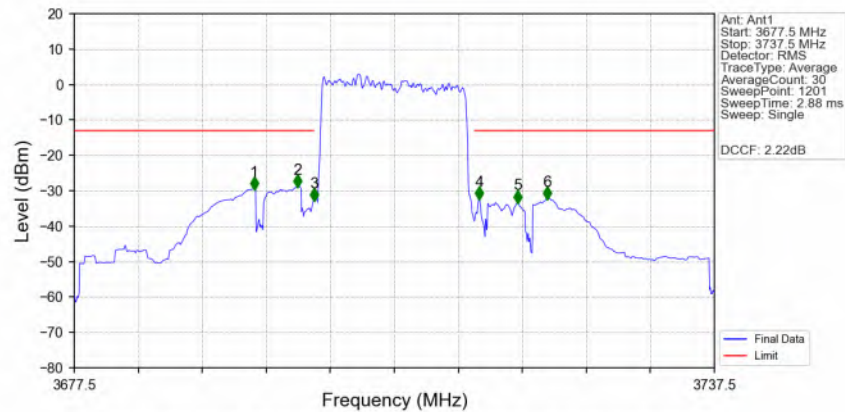
Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_1_0_NTNV



Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_1_0_NTNV

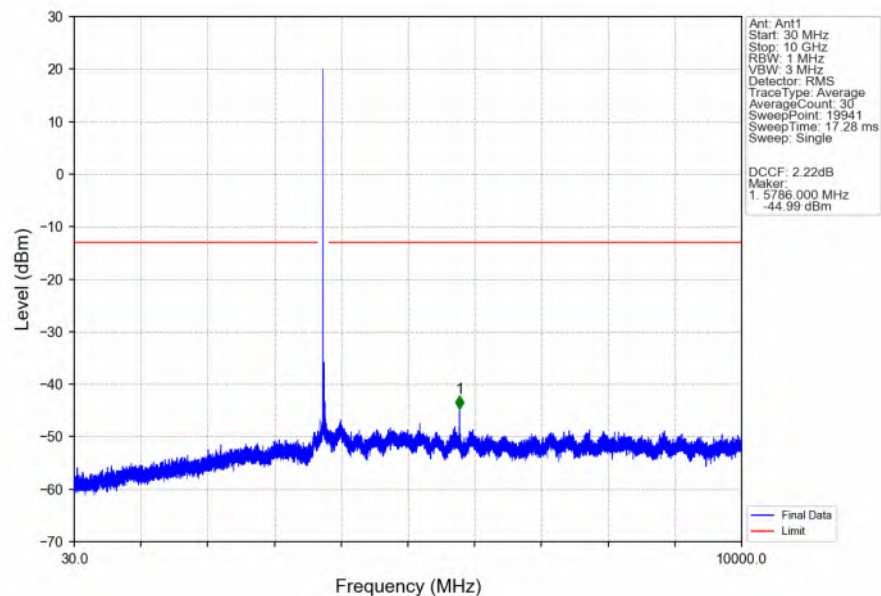


Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_75_0_NTNV

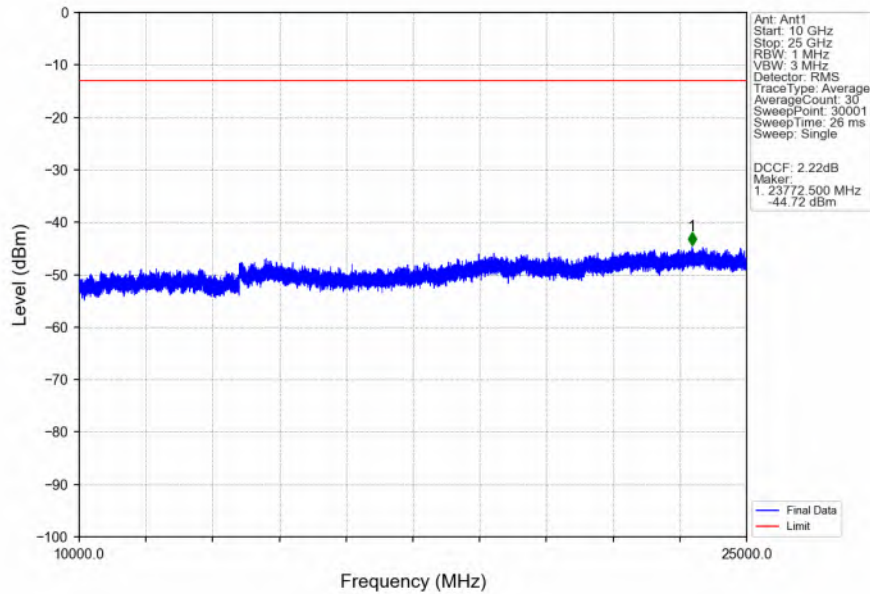


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3677.5	3695	1	CHP	1	3694.350	-29.41	-13	Pass
3695	3699	0.5	CHP	2	3698.450	-28.85	-13	Pass
3699	3700	0.141	CHP	3	3699.950	-32.74	-13	Pass
3700	3715	0.141	CHP	/	/	/	/	/
3715	3716	0.141	CHP	4	3715.450	-32.24	-13	Pass
3716	3720	0.5	CHP	5	3719.050	-33.21	-13	Pass
3720	3737.5	1	CHP	6	3721.850	-32.20	-13	Pass

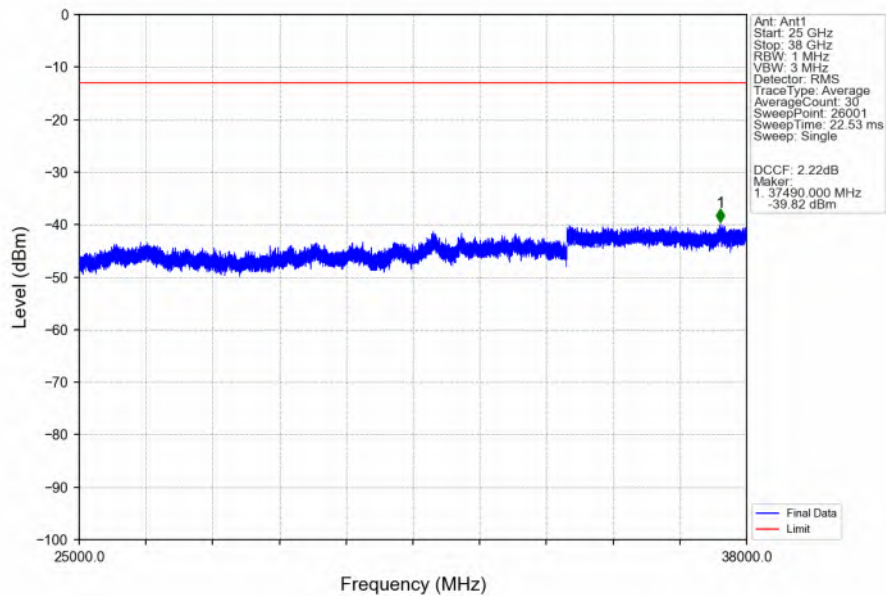
Band43d_15MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



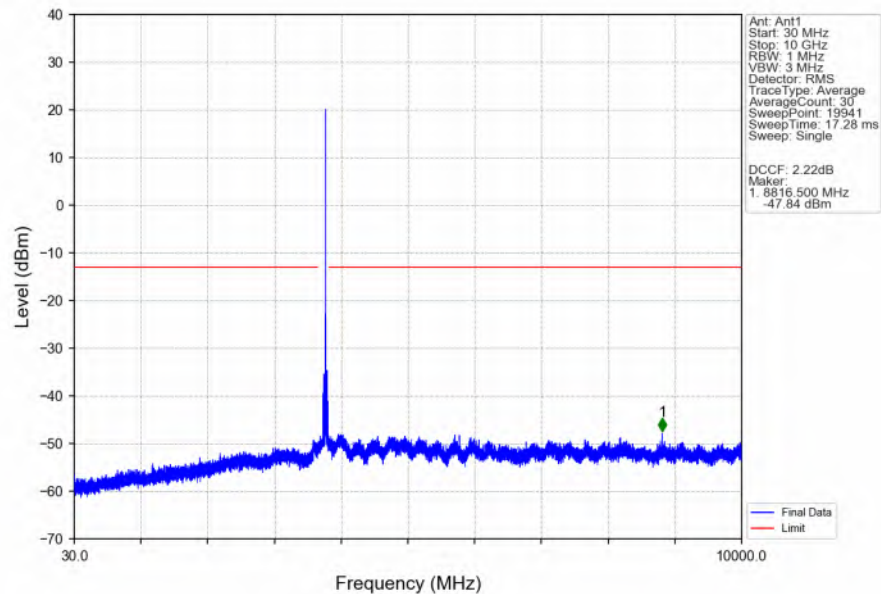
Band43d_15MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



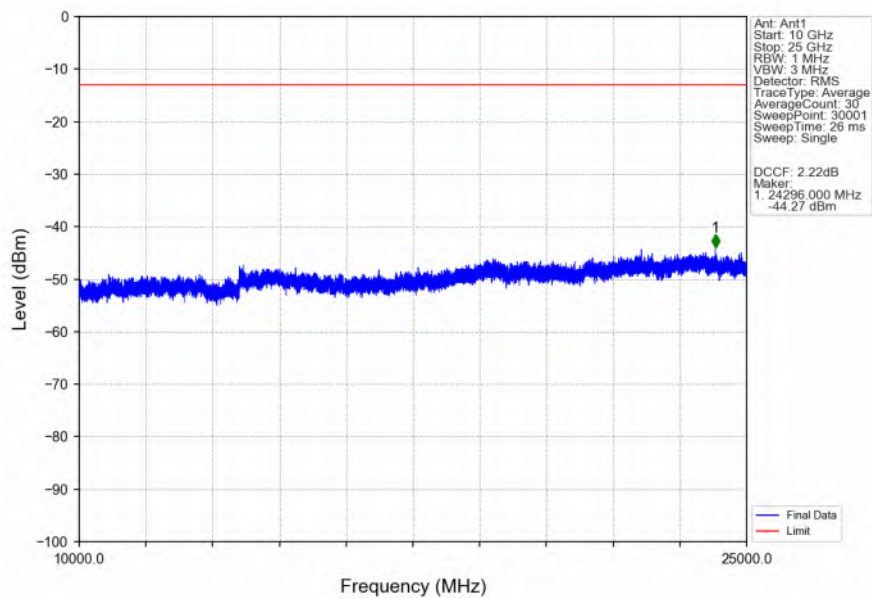
Band43d_15MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



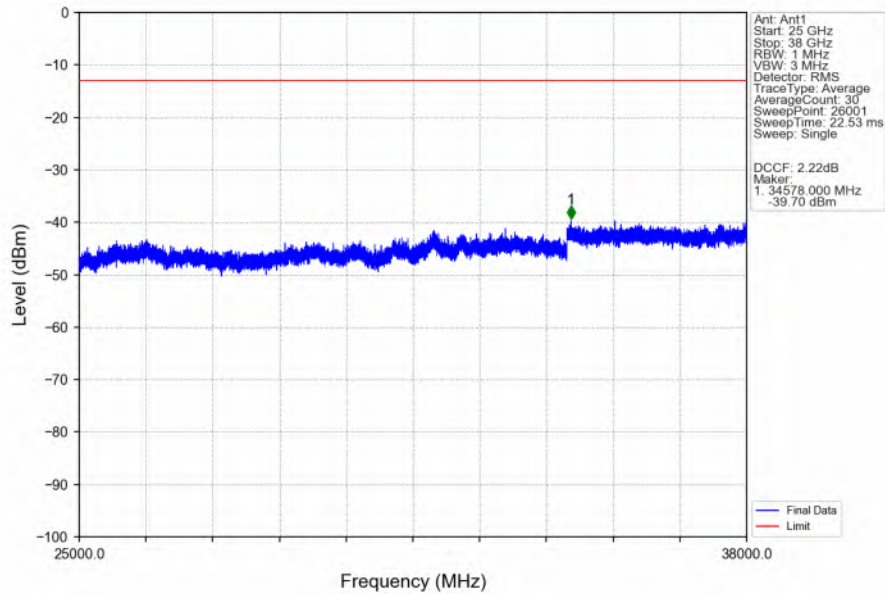
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_1_0_NTNV



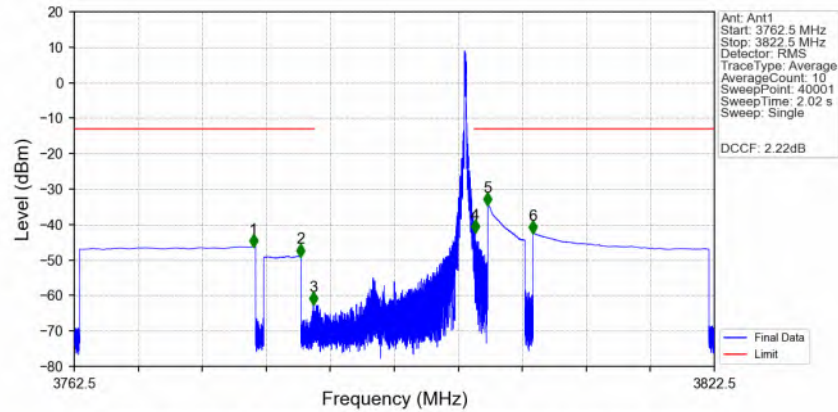
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_1_0_NTNV



Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_1_0_NTNV

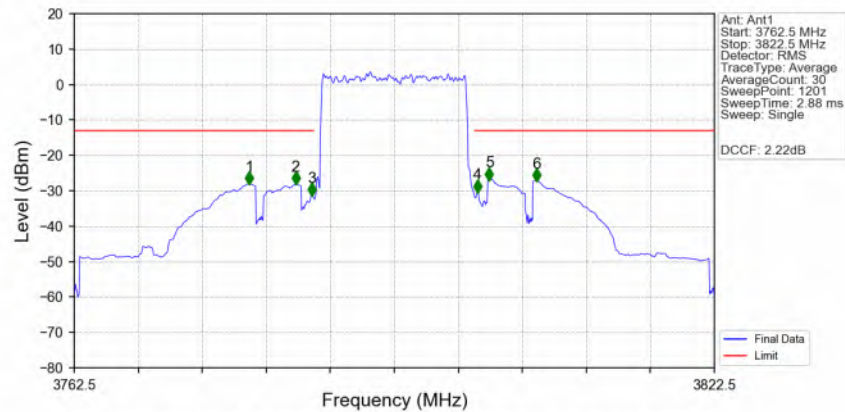


Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_1_74_NTNV



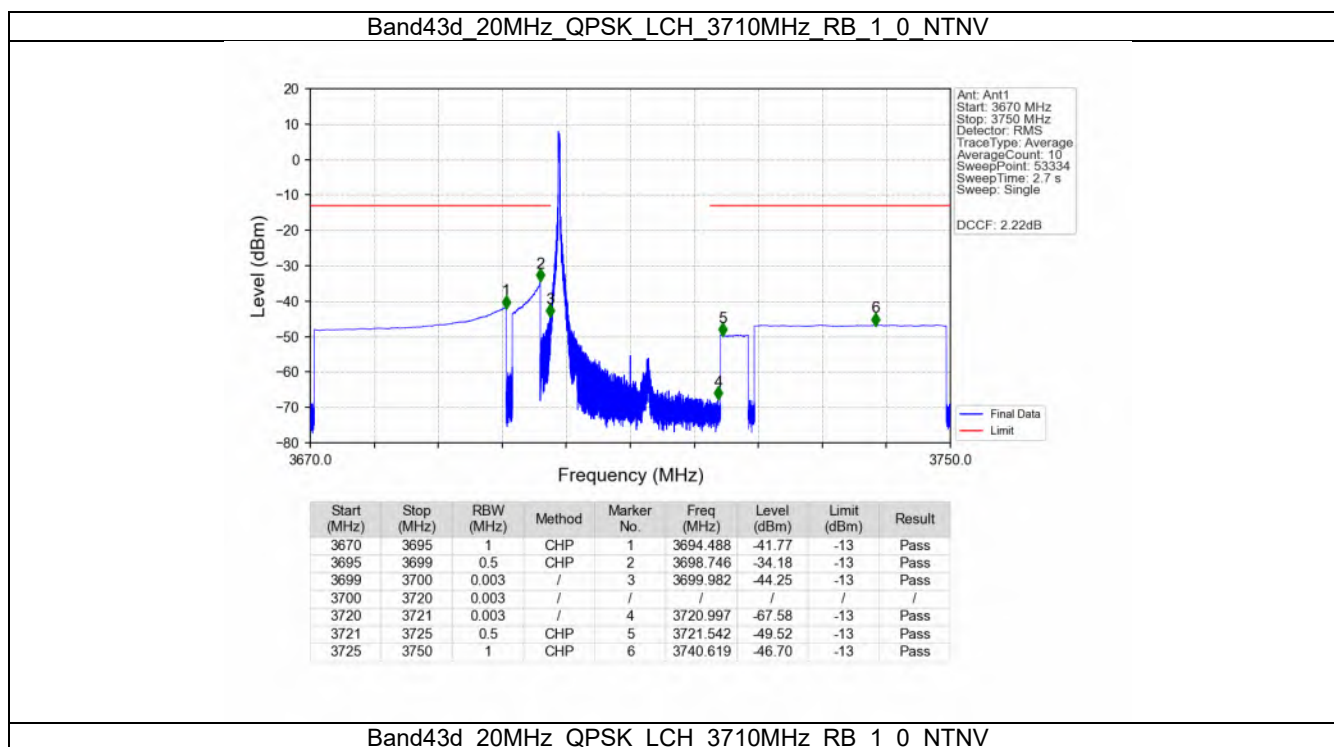
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3762.5	3780	1	CHP	1	3779.298	-46.20	-13	Pass
3780	3784	0.5	CHP	2	3783.713	-48.84	-13	Pass
3784	3785	0.003	/	3	3784.918	-62.33	-13	Pass
3785	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.069	-42.12	-13	Pass
3801	3805	0.5	CHP	5	3801.251	-34.46	-13	Pass
3805	3822.5	1	CHP	6	3805.510	-42.31	-13	Pass

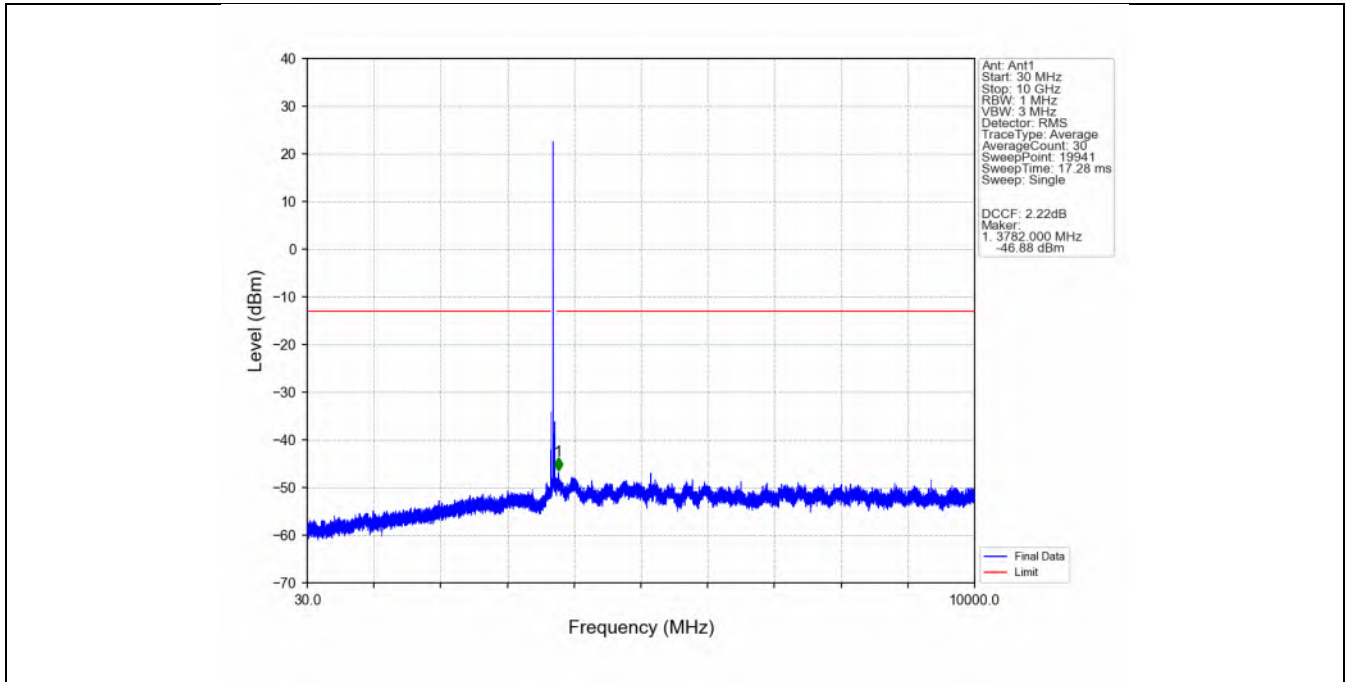
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



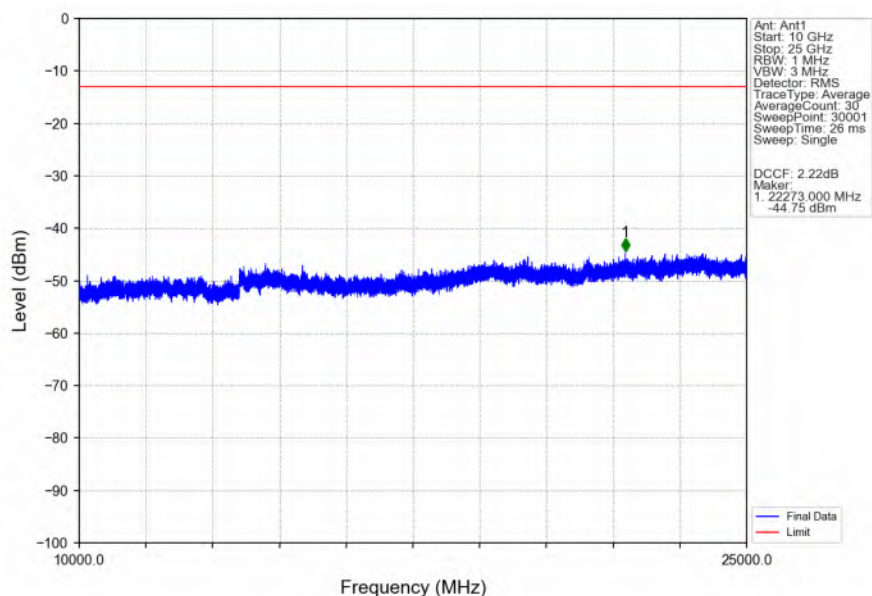
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3762.5	3780	1	CHP	1	3778.900	-27.95	-13	Pass
3780	3784	0.5	CHP	2	3783.250	-27.91	-13	Pass
3784	3785	0.141	CHP	3	3784.750	-31.16	-13	Pass
3785	3800	0.141	CHP	/	/	/	/	/
3800	3801	0.141	CHP	4	3800.300	-30.21	-13	Pass
3801	3805	0.5	CHP	5	3801.400	-26.80	-13	Pass
3805	3822.5	1	CHP	6	3805.850	-27.19	-13	Pass

5.2.4 B43d_20MHz

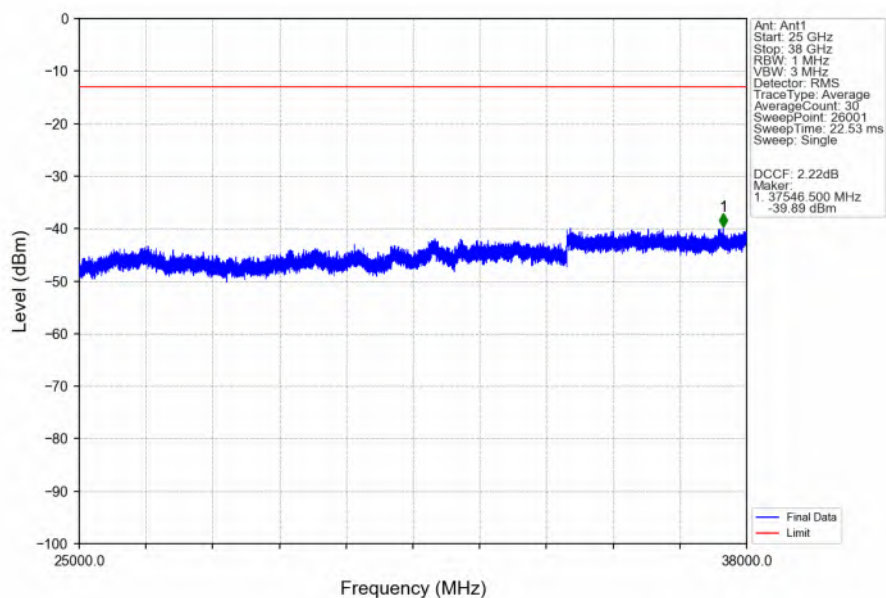




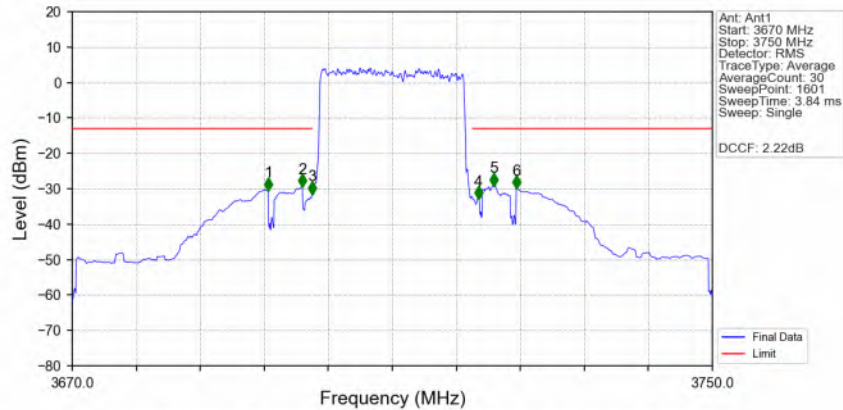
Band43d_20MHz_QPSK_LCH_3710MHz_RB_1_0_NTNV



Band43d_20MHz_QPSK_LCH_3710MHz_RB_1_0_NTNV

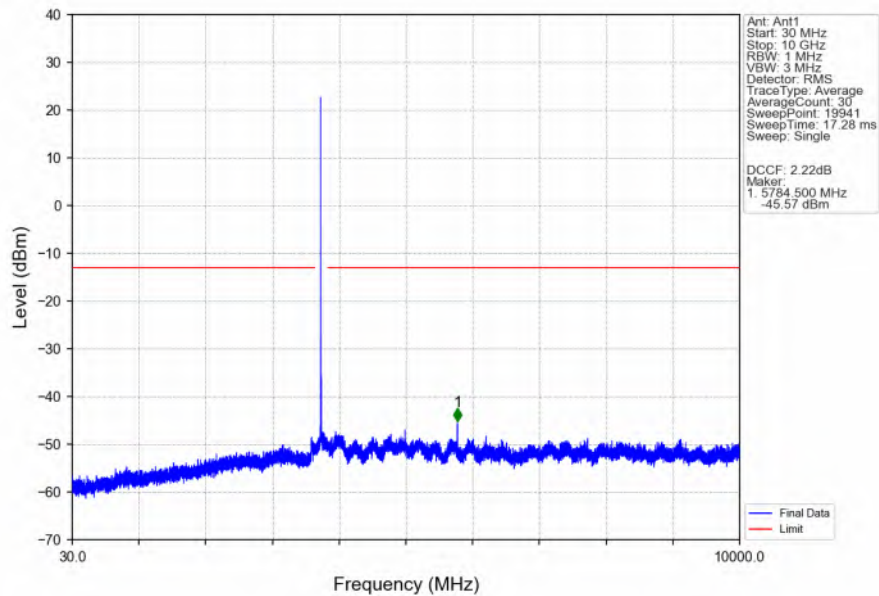


Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV

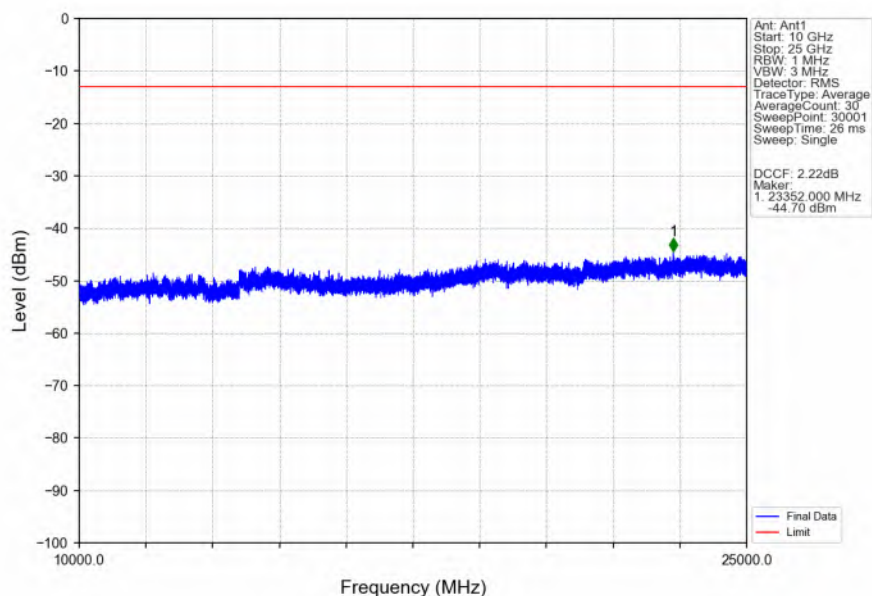


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3670	3695	1	CHP	1	3694.500	-30.24	-13	Pass
3695	3699	0.5	CHP	2	3698.750	-29.32	-13	Pass
3699	3700	0.186	CHP	3	3699.950	-31.30	-13	Pass
3700	3720	0.186	CHP	/	/	/	/	/
3720	3721	0.186	CHP	4	3720.750	-32.63	-13	Pass
3721	3725	0.5	CHP	5	3722.700	-28.91	-13	Pass
3725	3750	1	CHP	6	3725.500	-29.72	-13	Pass

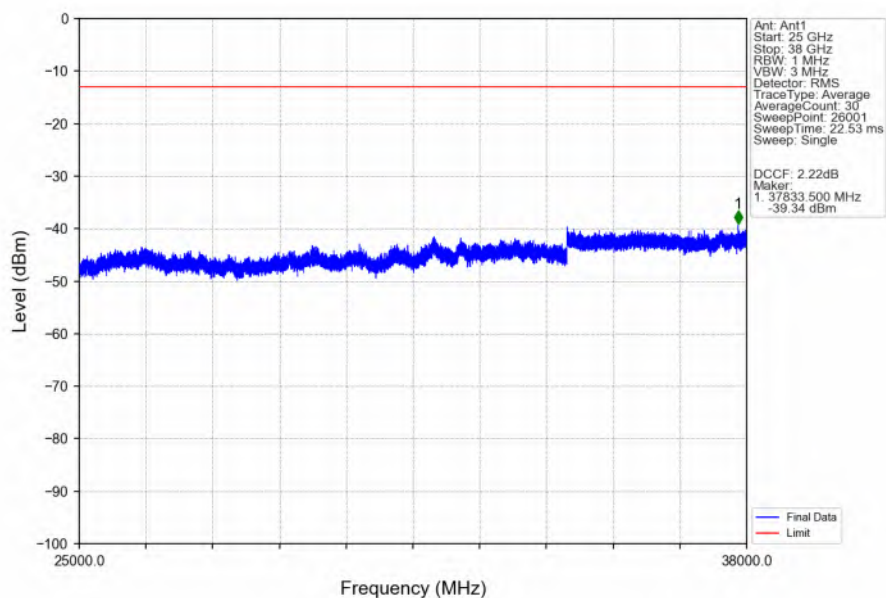
Band43d_20MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



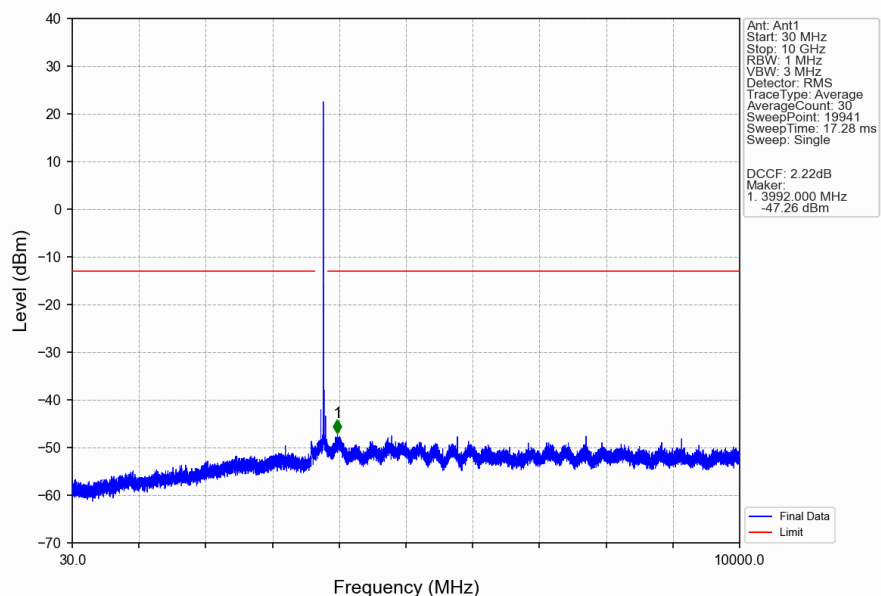
Band43d_20MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



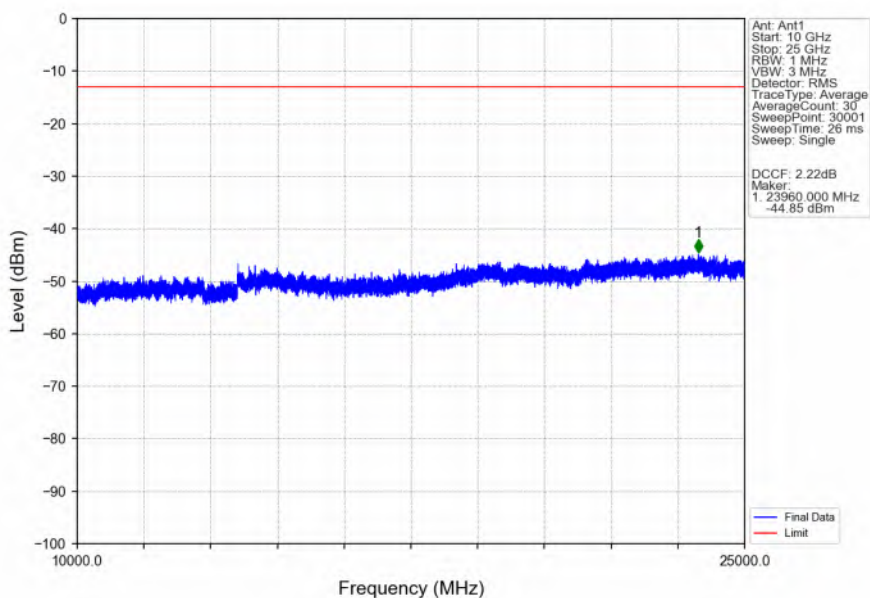
Band43d_20MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



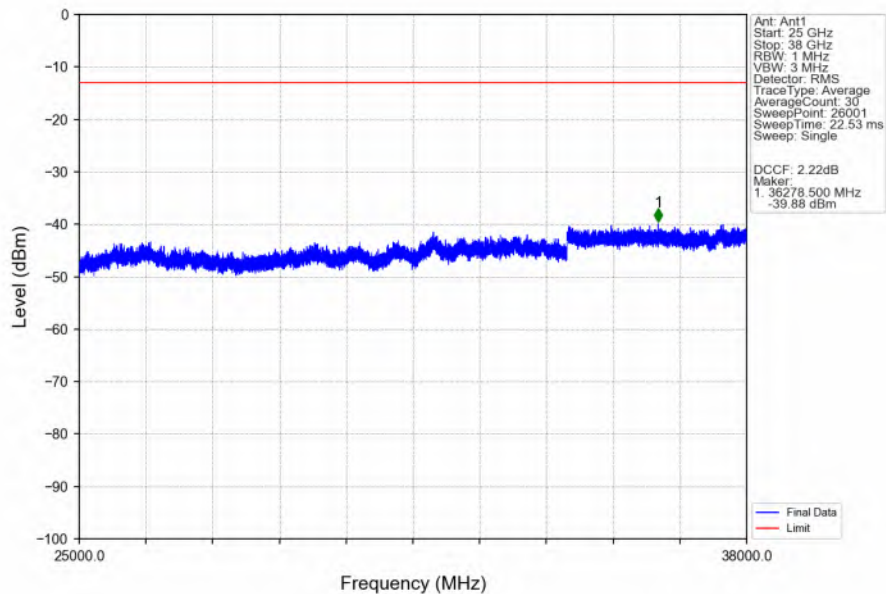
Band43d_20MHz_QPSK_HCH_3790MHz_RB_1_0_NTNV



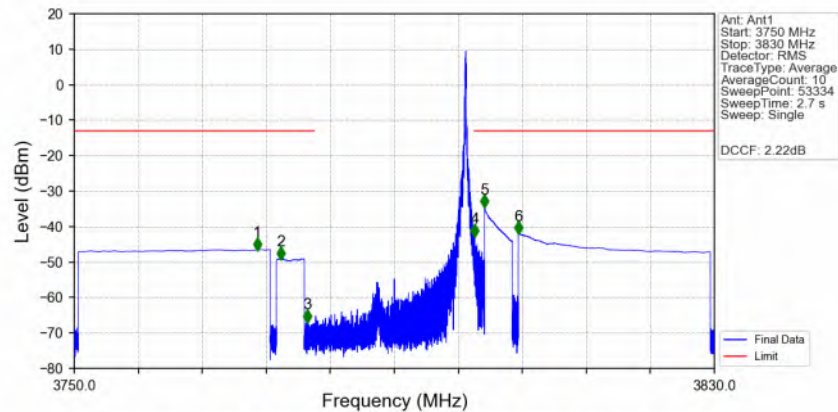
Band43d_20MHz_QPSK_HCH_3790MHz_RB_1_0_NTNV



Band43d_20MHz_QPSK_HCH_3790MHz_RB_1_0_NTNV

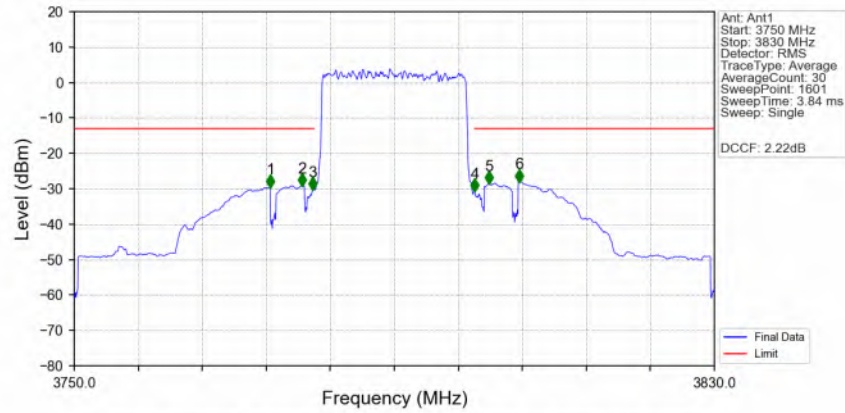


Band43d_20MHz_QPSK_HCH_3790MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3750	3775	1	CHP	1	3772.887	-46.46	-13	Pass
3775	3779	0.5	CHP	2	3775.847	-49.02	-13	Pass
3779	3780	0.003	/	3	3779.111	-66.79	-13	Pass
3780	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.055	-42.60	-13	Pass
3801	3805	0.5	CHP	5	3801.251	-34.37	-13	Pass
3805	3830	1	CHP	6	3805.502	-41.93	-13	Pass

Band43d_20MHz_QPSK_HCH_3790MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3750	3775	1	CHP	1	3774.500	-29.35	-13	Pass
3775	3779	0.5	CHP	2	3778.500	-29.05	-13	Pass
3779	3780	0.186	CHP	3	3779.800	-30.17	-13	Pass
3780	3800	0.186	CHP	/	/	/	/	/
3800	3801	0.186	CHP	4	3800.050	-30.60	-13	Pass
3801	3805	0.5	CHP	5	3801.850	-28.35	-13	Pass
3805	3830	1	CHP	6	3805.600	-27.86	-13	Pass

---End of Attachment---