

1. Effective (Isotropic) Radiated Power Output Data-PC2

1.1 B43d_5MHz_EIRP

1.1.1 Test Result

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	25.98	-7.1	18.88	/	Pass
			13	25.63	-7.1	18.53	/	Pass
			24	25.34	-7.1	18.24	/	Pass
		12	0	25.15	-7.1	18.05	/	Pass
			6	25.17	-7.1	18.07	/	Pass
			13	24.87	-7.1	17.77	/	Pass
		25	0	25.21	-7.1	18.11	/	Pass
	3750	1	0	25.94	-7.1	18.84	/	Pass
			13	25.95	-7.1	18.85	/	Pass
			24	25.96	-7.1	18.86	/	Pass
		12	0	25.54	-7.1	18.44	/	Pass
			6	24.97	-7.1	17.87	/	Pass
			13	25.35	-7.1	18.25	/	Pass
		25	0	25.08	-7.1	17.98	/	Pass
	3797.5	1	0	24.95	-7.1	17.85	/	Pass
			13	25.62	-7.1	18.52	/	Pass
			24	25.8	-7.1	18.7	/	Pass
		12	0	25.62	-7.1	18.52	/	Pass
			6	25.58	-7.1	18.48	/	Pass
			13	25.43	-7.1	18.33	/	Pass
		25	0	25.56	-7.1	18.46	/	Pass
16QAM	3702.5	1	0	25.01	-7.1	17.91	/	Pass
			13	25.39	-7.1	18.29	/	Pass
			24	24.85	-7.1	17.75	/	Pass
		12	0	25.64	-7.1	18.54	/	Pass
			6	25.16	-7.1	18.06	/	Pass
			13	25.66	-7.1	18.56	/	Pass
		25	0	25.44	-7.1	18.34	/	Pass
	3750	1	0	25.19	-7.1	18.09	/	Pass
			13	25.75	-7.1	18.65	/	Pass
			24	25.82	-7.1	18.72	/	Pass
		12	0	25.01	-7.1	17.91	/	Pass
			0	25.01	-7.1	17.91	/	Pass

			6	25.05	-7.1	17.95	/	Pass
			13	25.99	-7.1	18.89	/	Pass
		25	0	25.02	-7.1	17.92	/	Pass
	3797.5	1	0	25.57	-7.1	18.47	/	Pass
			13	25.4	-7.1	18.3	/	Pass
			24	25.55	-7.1	18.45	/	Pass
		12	0	24.85	-7.1	17.75	/	Pass
			6	25.54	-7.1	18.44	/	Pass
			13	26.18	-7.1	19.08	/	Pass
		25	0	26	-7.1	18.9	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.2 B43d_10MHz_EIRP

1.2.1 Test Result

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	25.11	-7.1	18.01	/	Pass
			25	24.94	-7.1	17.84	/	Pass
			49	24.96	-7.1	17.86	/	Pass
		25	0	25.67	-7.1	18.57	/	Pass
			13	25.82	-7.1	18.72	/	Pass
			25	25.67	-7.1	18.57	/	Pass
		50	0	25.93	-7.1	18.83	/	Pass
	3750	1	0	24.87	-7.1	17.77	/	Pass
			25	25.86	-7.1	18.76	/	Pass
			49	25.76	-7.1	18.66	/	Pass
		25	0	25.59	-7.1	18.49	/	Pass
			13	25.73	-7.1	18.63	/	Pass
			25	25.41	-7.1	18.31	/	Pass
		50	0	25.55	-7.1	18.45	/	Pass
	3795	1	0	25.68	-7.1	18.58	/	Pass
			25	25.91	-7.1	18.81	/	Pass
			49	25.96	-7.1	18.86	/	Pass
		25	0	25.06	-7.1	17.96	/	Pass
			13	25.29	-7.1	18.19	/	Pass
			25	25.08	-7.1	17.98	/	Pass
		50	0	25.4	-7.1	18.3	/	Pass

16QAM	3705	1	0	25.76	-7.1	18.66	/	Pass
			25	25.74	-7.1	18.64	/	Pass
			49	25.62	-7.1	18.52	/	Pass
		25	0	24.83	-7.1	17.73	/	Pass
			13	25.06	-7.1	17.96	/	Pass
			25	24.66	-7.1	17.56	/	Pass
		50	0	24.91	-7.1	17.81	/	Pass
	3750	1	0	25.43	-7.1	18.33	/	Pass
			25	25.61	-7.1	18.51	/	Pass
			49	25.44	-7.1	18.34	/	Pass
		25	0	24.74	-7.1	17.64	/	Pass
			13	24.58	-7.1	17.48	/	Pass
			25	24.52	-7.1	17.42	/	Pass
		50	0	24.89	-7.1	17.79	/	Pass
	3795	1	0	25.45	-7.1	18.35	/	Pass
			25	25.51	-7.1	18.41	/	Pass
			49	25.05	-7.1	17.95	/	Pass
		25	0	24.3	-7.1	17.2	/	Pass
			13	24.17	-7.1	17.07	/	Pass
			25	24.36	-7.1	17.26	/	Pass
		50	0	24.59	-7.1	17.49	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.3 B43d_15MHz_EIRP

1.3.1 Test Result

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	25.07	-7.1	17.97	/	Pass
			38	25.14	-7.1	18.04	/	Pass
			74	24.95	-7.1	17.85	/	Pass
		36	0	25.43	-7.1	18.33	/	Pass
			18	25.35	-7.1	18.25	/	Pass
			39	25.85	-7.1	18.75	/	Pass
		75	0	25.9	-7.1	18.8	/	Pass
	3750	1	0	26.03	-7.1	18.93	/	Pass
			38	25.98	-7.1	18.88	/	Pass
			74	25.87	-7.1	18.77	/	Pass

		36	0	25.41	-7.1	18.31	/	Pass
			18	25.29	-7.1	18.19	/	Pass
			39	25.23	-7.1	18.13	/	Pass
		75	0	25.69	-7.1	18.59	/	Pass
	3792.5	1	0	25.49	-7.1	18.39	/	Pass
			38	25.64	-7.1	18.54	/	Pass
			74	25.56	-7.1	18.46	/	Pass
		36	0	25.13	-7.1	18.03	/	Pass
			18	25.2	-7.1	18.1	/	Pass
			39	25.47	-7.1	18.37	/	Pass
		75	0	25.07	-7.1	17.97	/	Pass
16QAM	3707.5	1	0	25.92	-7.1	18.82	/	Pass
			38	25.85	-7.1	18.75	/	Pass
			74	25.45	-7.1	18.35	/	Pass
		36	0	24.64	-7.1	17.54	/	Pass
			18	24.5	-7.1	17.4	/	Pass
			39	25.03	-7.1	17.93	/	Pass
		75	0	24.65	-7.1	17.55	/	Pass
	3750	1	0	25.48	-7.1	18.38	/	Pass
			38	25.32	-7.1	18.22	/	Pass
			74	25.66	-7.1	18.56	/	Pass
		36	0	24.31	-7.1	17.21	/	Pass
			18	24.75	-7.1	17.65	/	Pass
			39	23.93	-7.1	16.83	/	Pass
		75	0	24.69	-7.1	17.59	/	Pass
	3792.5	1	0	25.09	-7.1	17.99	/	Pass
			38	25.17	-7.1	18.07	/	Pass
			74	25.05	-7.1	17.95	/	Pass
		36	0	25.41	-7.1	18.31	/	Pass
			18	24.16	-7.1	17.06	/	Pass
			39	24.09	-7.1	16.99	/	Pass
		75	0	24.04	-7.1	16.94	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.4 B43d_20MHz_EIRP

1.4.1 Test Result

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	25.12	-7.1	18.02	/	Pass
			50	24.93	-7.1	17.83	/	Pass
			99	26.1	-7.1	19	/	Pass
		50	0	25.65	-7.1	18.55	/	Pass
			25	25.66	-7.1	18.56	/	Pass
			50	25.68	-7.1	18.58	/	Pass
		100	0	25.82	-7.1	18.72	/	Pass
	3750	1	0	24.98	-7.1	17.88	/	Pass
			50	26.06	-7.1	18.96	/	Pass
			99	26.1	-7.1	19	/	Pass
		50	0	25.55	-7.1	18.45	/	Pass
			25	25.64	-7.1	18.54	/	Pass
			50	25.55	-7.1	18.45	/	Pass
		100	0	25.64	-7.1	18.54	/	Pass
	3790	1	0	25.63	-7.1	18.53	/	Pass
			50	26	-7.1	18.9	/	Pass
			99	26.01	-7.1	18.91	/	Pass
		50	0	25.04	-7.1	17.94	/	Pass
			25	25.15	-7.1	18.05	/	Pass
			50	25.29	-7.1	18.19	/	Pass
		100	0	25.7	-7.1	18.6	/	Pass
16QAM	3710	1	0	26.11	-7.1	19.01	/	Pass
			50	26.14	-7.1	19.04	/	Pass
			99	25.7	-7.1	18.6	/	Pass
		50	0	24.74	-7.1	17.64	/	Pass
			25	25	-7.1	17.9	/	Pass
			50	24.69	-7.1	17.59	/	Pass
		100	0	24.78	-7.1	17.68	/	Pass
	3750	1	0	25.75	-7.1	18.65	/	Pass
			50	25.96	-7.1	18.86	/	Pass
			99	25.47	-7.1	18.37	/	Pass
		50	0	24.51	-7.1	17.41	/	Pass
			25	24.89	-7.1	17.79	/	Pass

			50	24.61	-7.1	17.51	/	Pass
		100	0	24.85	-7.1	17.75	/	Pass
	3790	1	0	25.36	-7.1	18.26	/	Pass
			50	25.49	-7.1	18.39	/	Pass
			99	25.39	-7.1	18.29	/	Pass
		50	0	23.91	-7.1	16.81	/	Pass
			25	24.12	-7.1	17.02	/	Pass
			50	24.31	-7.1	17.21	/	Pass
		100	0	24.04	-7.1	16.94	/	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 B43_20MHz

2.1.1 Test Result

Band: 43d / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3710	100	0	20	3.27	-1.900	-0.0005	-2.5 to 2.5	Pass
					3.85	5.300	0.0014	-2.5 to 2.5	Pass
					4.43	0.100	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.300	0.0001	-2.5 to 2.5	Pass
				-20	3.85	0.800	0.0002	-2.5 to 2.5	Pass
				-10	3.85	1.600	0.0004	-2.5 to 2.5	Pass
				0	3.85	-2.800	-0.0008	-2.5 to 2.5	Pass
				10	3.85	2.400	0.0006	-2.5 to 2.5	Pass
				30	3.85	-0.200	-0.0001	-2.5 to 2.5	Pass
				40	3.85	1.500	0.0004	-2.5 to 2.5	Pass
				50	3.85	3.800	0.0010	-2.5 to 2.5	Pass
	3750	100	0	20	3.27	-0.400	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.100	-0.0006	-2.5 to 2.5	Pass
					4.43	3.400	0.0009	-2.5 to 2.5	Pass
				-30	3.85	1.200	0.0003	-2.5 to 2.5	Pass
				-20	3.85	0.600	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.500	-0.0001	-2.5 to 2.5	Pass
				0	3.85	2.300	0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.300	-0.0001	-2.5 to 2.5	Pass
				30	3.85	-0.100	0.0000	-2.5 to 2.5	Pass
				40	3.85	1.000	0.0003	-2.5 to 2.5	Pass
				50	3.85	-0.400	-0.0001	-2.5 to 2.5	Pass
	3790	100	0	20	3.27	-2.200	-0.0006	-2.5 to 2.5	Pass
					3.85	-1.500	-0.0004	-2.5 to 2.5	Pass
					4.43	5.200	0.0014	-2.5 to 2.5	Pass
				-30	3.85	-0.700	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	1.800	0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.900	-0.0002	-2.5 to 2.5	Pass
				0	3.85	3.600	0.0009	-2.5 to 2.5	Pass

				10	3.85	1.300	0.0003	-2.5 to 2.5	Pass
				30	3.85	0.700	0.0002	-2.5 to 2.5	Pass
				40	3.85	2.500	0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.100	0.0000	-2.5 to 2.5	Pass

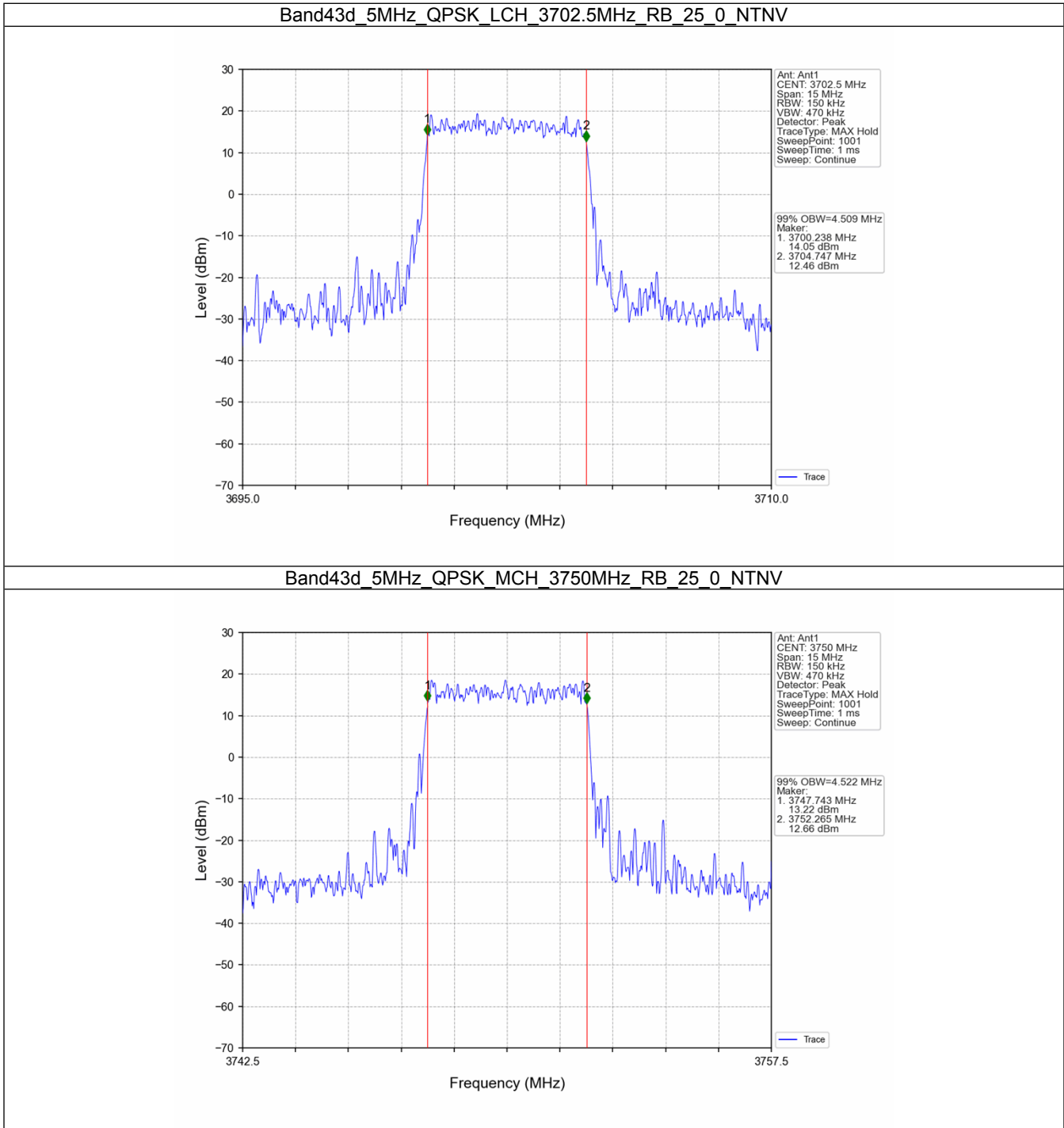
3. 99% & 26dB Bandwidth

3.1 Band43d_OBW

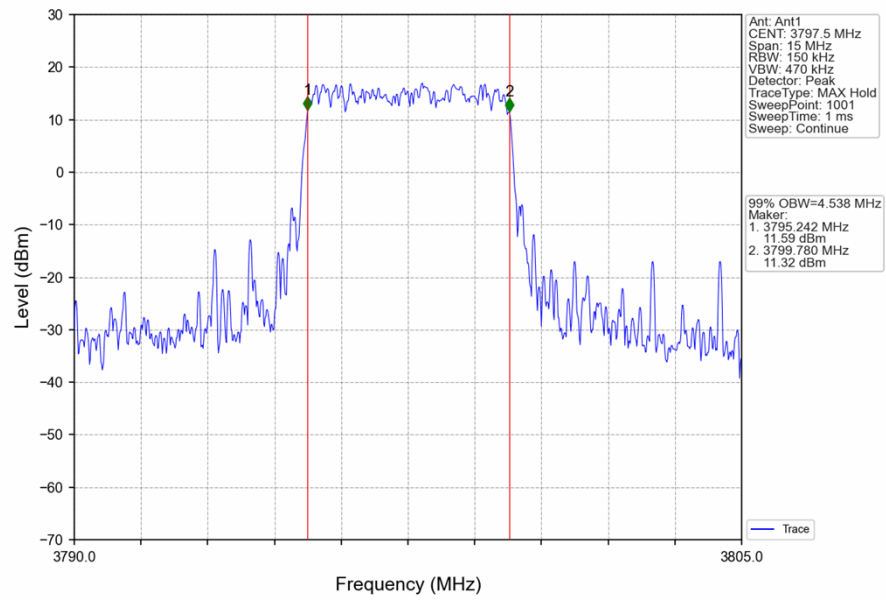
3.1.1 Test Result

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	4.509	/	Pass
		3750	25	0	4.522	/	Pass
		3797.5	25	0	4.538	/	Pass
	16QAM	3702.5	25	0	4.522	/	Pass
		3750	25	0	4.545	/	Pass
		3797.5	25	0	4.537	/	Pass
10	QPSK	3705	50	0	9.044	/	Pass
		3750	50	0	9.017	/	Pass
		3795	50	0	9.093	/	Pass
	16QAM	3705	50	0	9.010	/	Pass
		3750	50	0	9.059	/	Pass
		3795	50	0	9.055	/	Pass
15	QPSK	3707.5	75	0	13.514	/	Pass
		3750	75	0	13.525	/	Pass
		3792.5	75	0	13.626	/	Pass
	16QAM	3707.5	75	0	13.531	/	Pass
		3750	75	0	13.543	/	Pass
		3792.5	75	0	12.658	/	Pass
20	QPSK	3710	100	0	18.095	/	Pass
		3750	100	0	18.098	/	Pass
		3790	100	0	18.042	/	Pass
	16QAM	3710	100	0	18.157	/	Pass
		3750	100	0	18.019	/	Pass
		3790	100	0	18.064	/	Pass

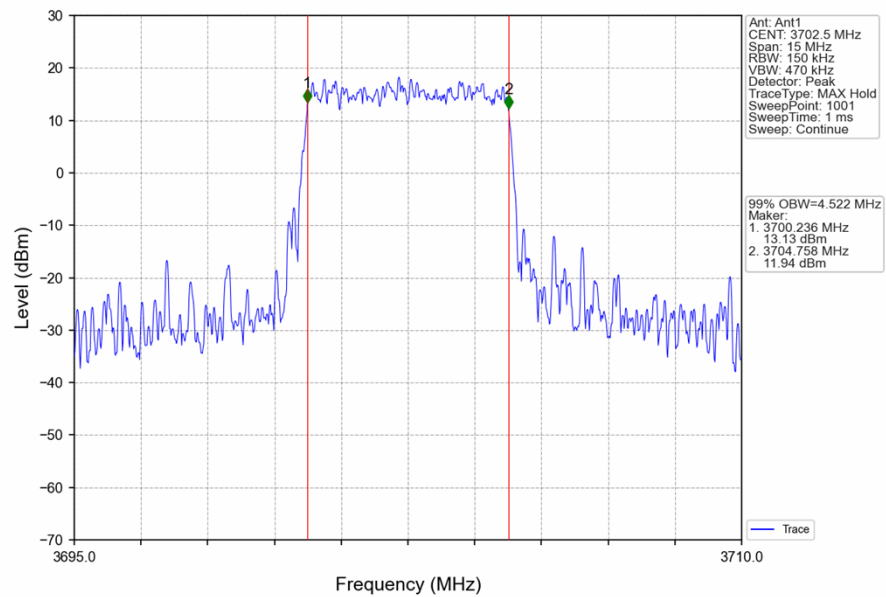
3.1.2 Test Graph



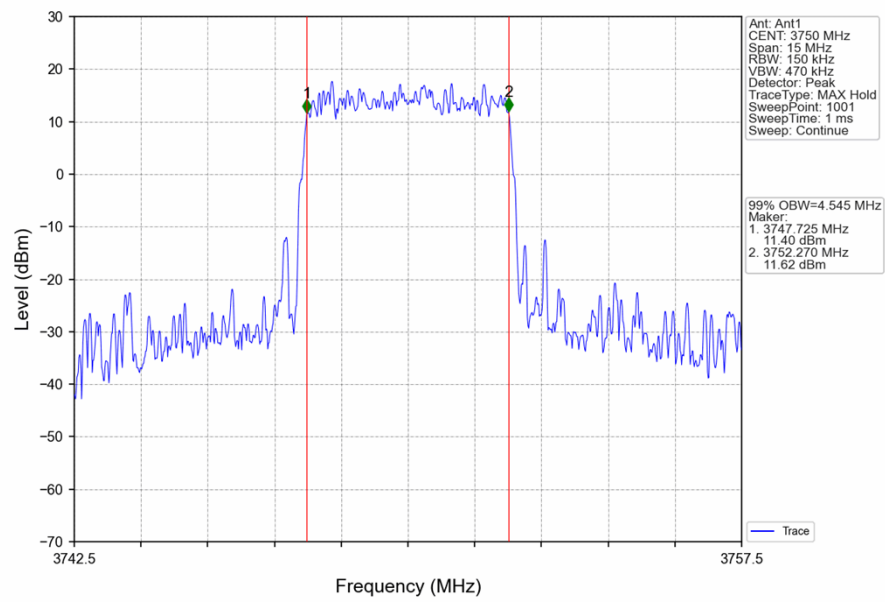
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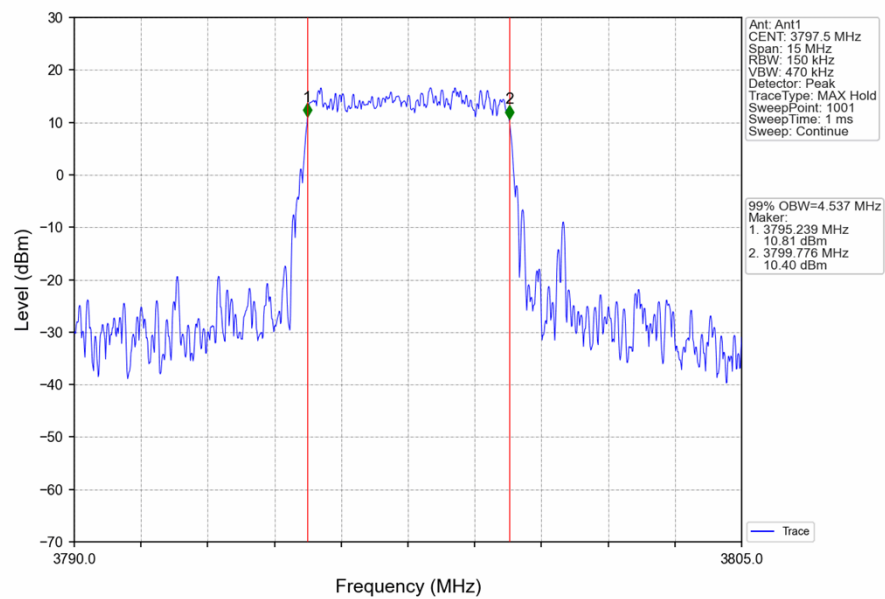
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



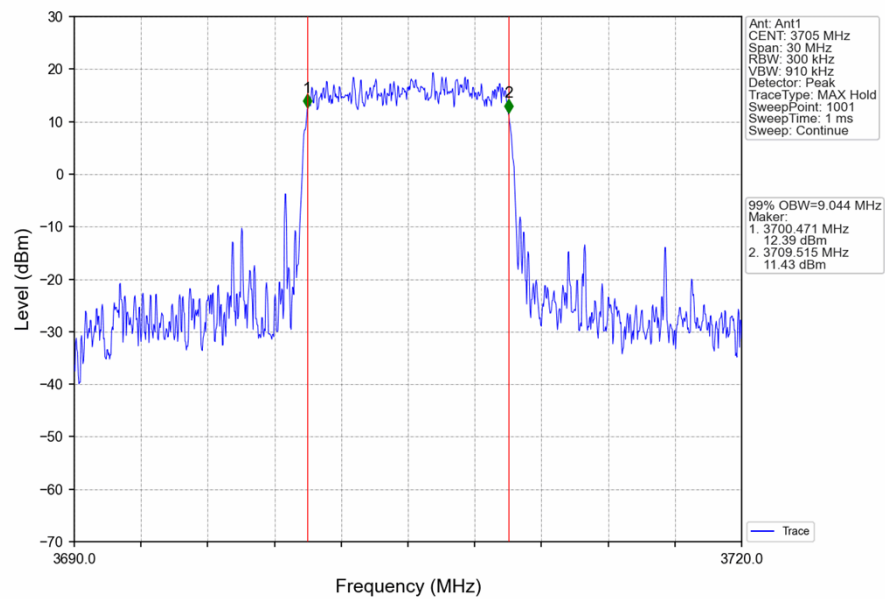
Band43d_5MHz_16QAM_MCH_3750MHz_RB_25_0_NTNV



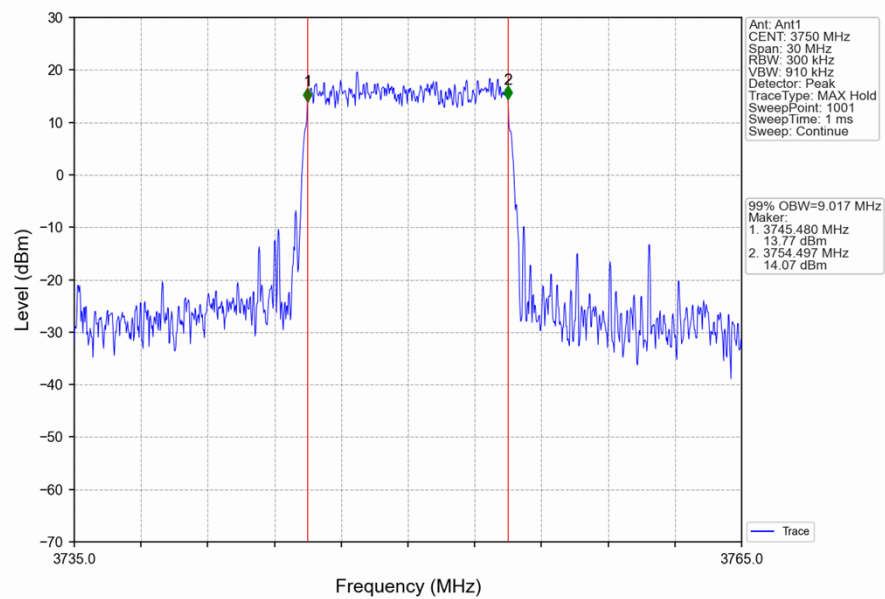
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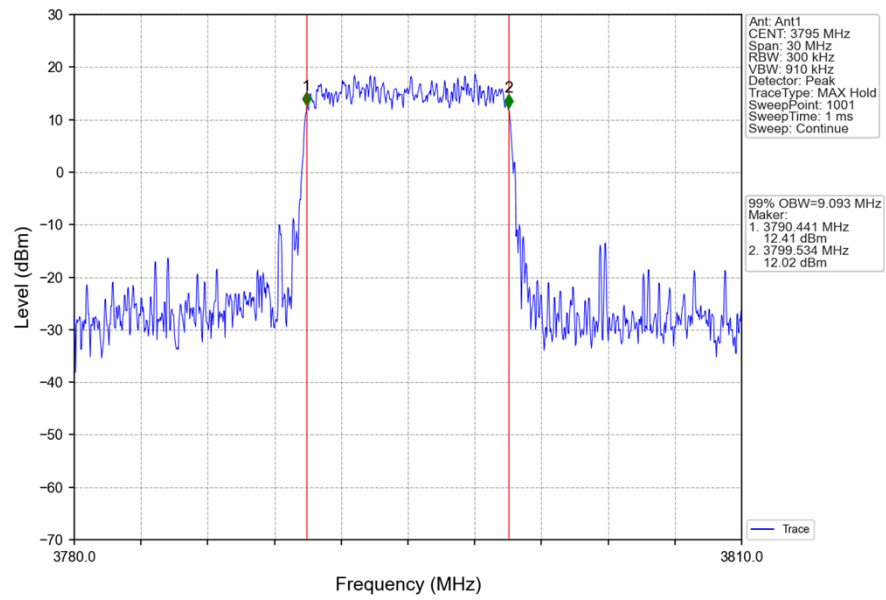
Band43d_10MHz_QPSK_LCH_3705MHz_RB_50_0_NTNV



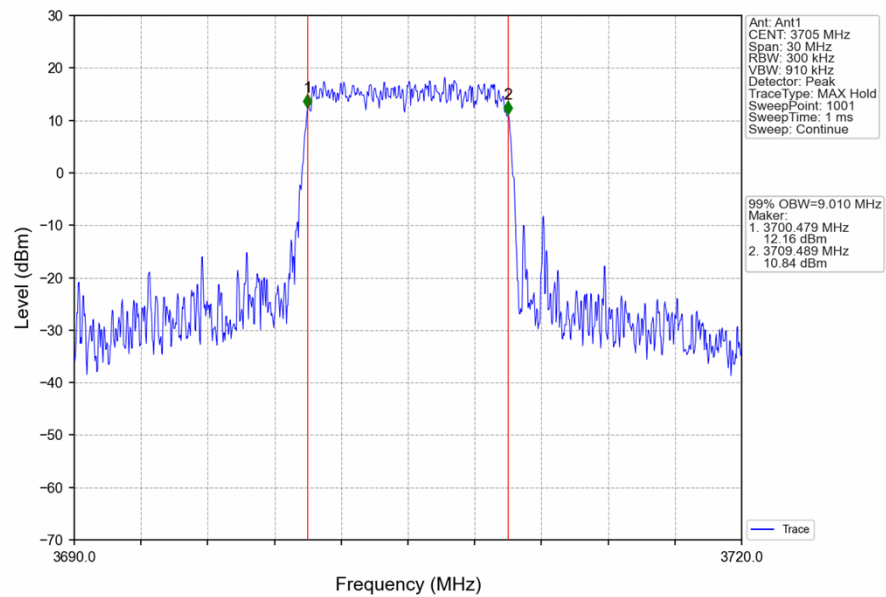
Band43d_10MHz_QPSK_MCH_3750MHz_RB_50_0_NTNV



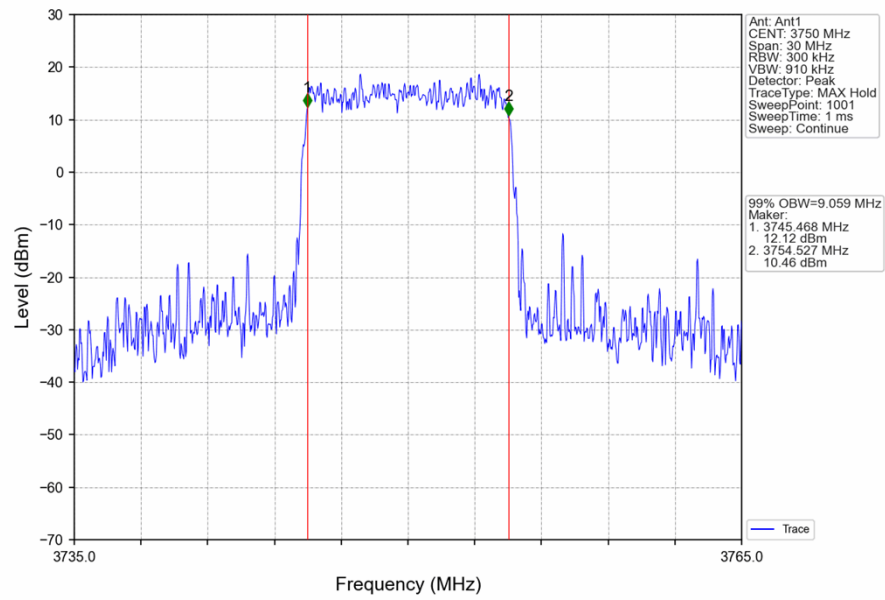
Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



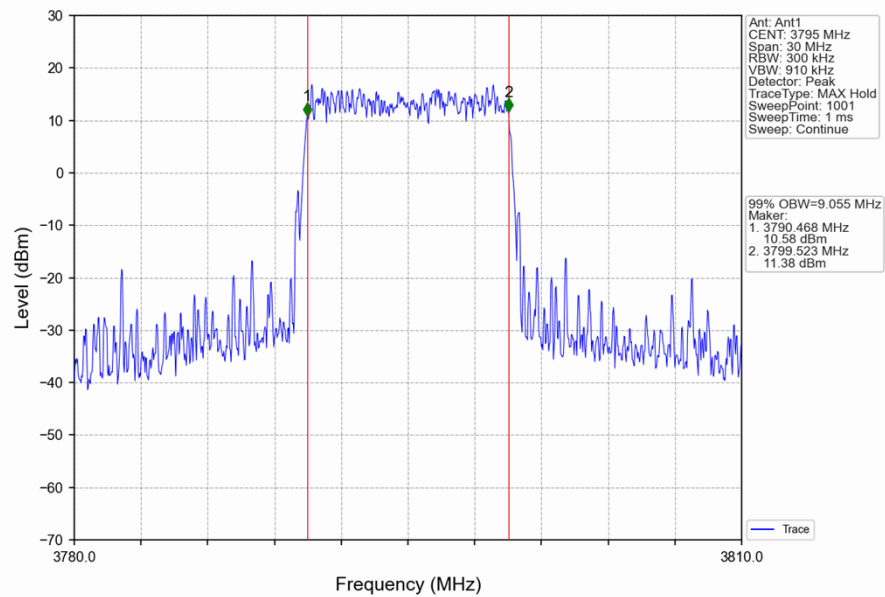
Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



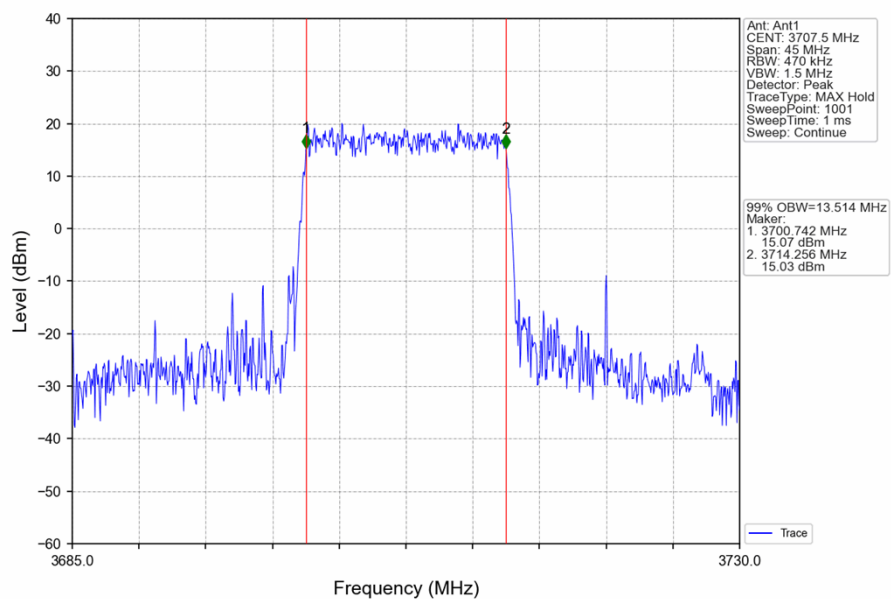
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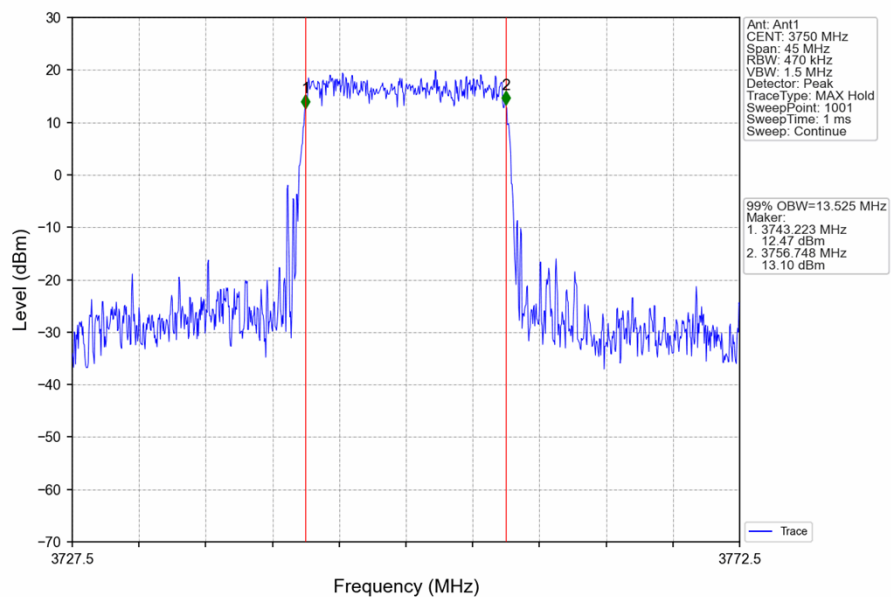
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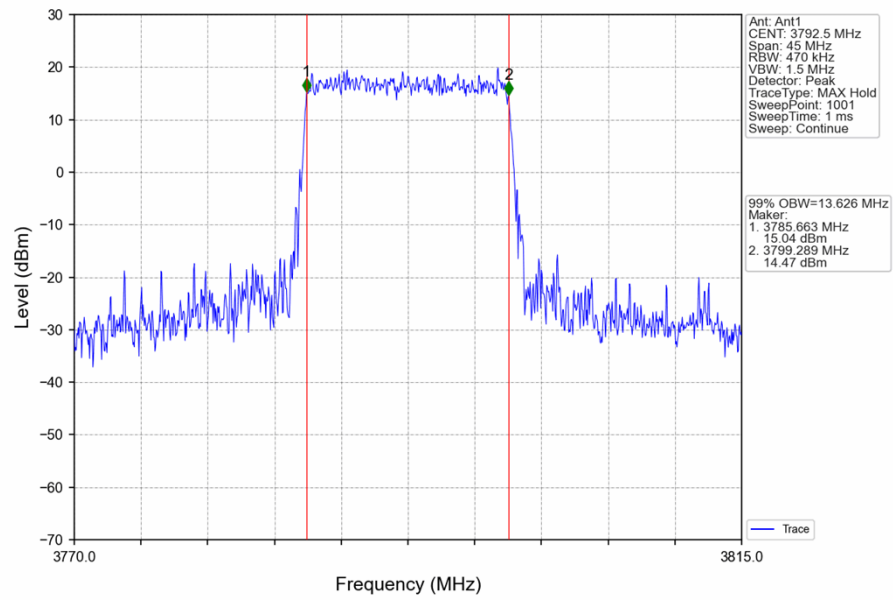
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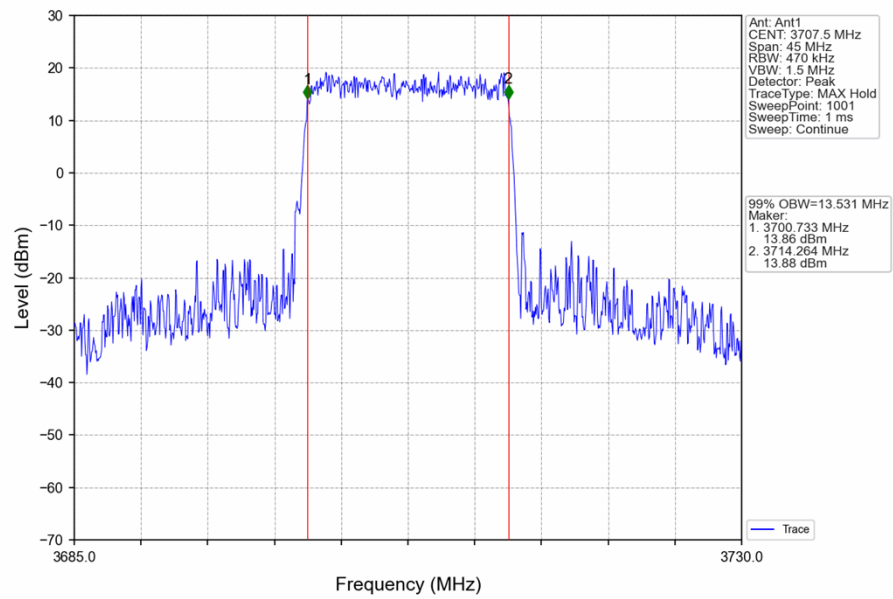
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



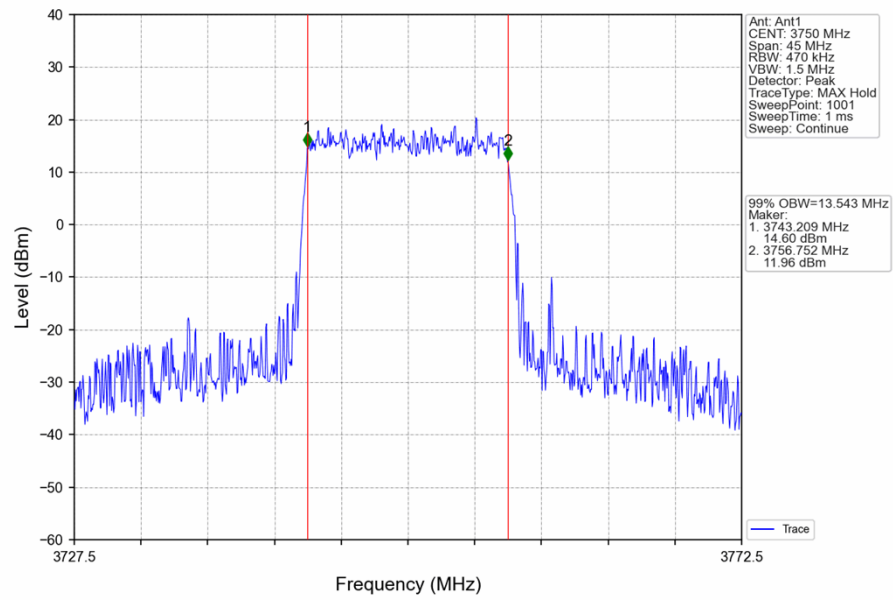
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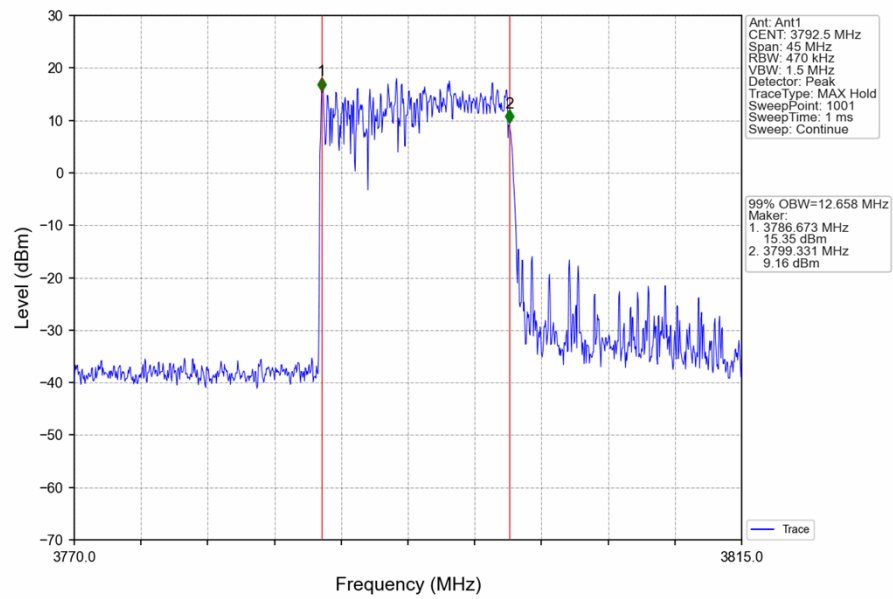
Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



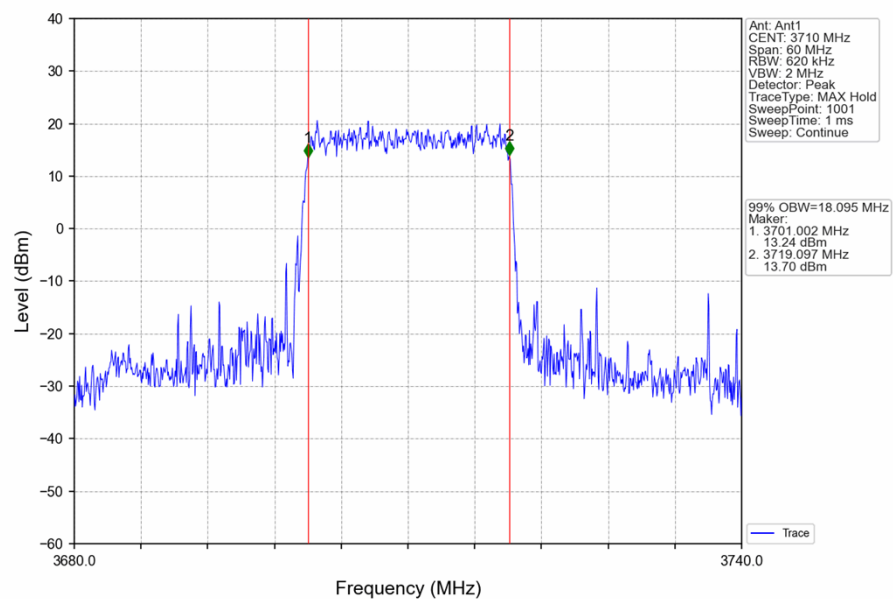
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



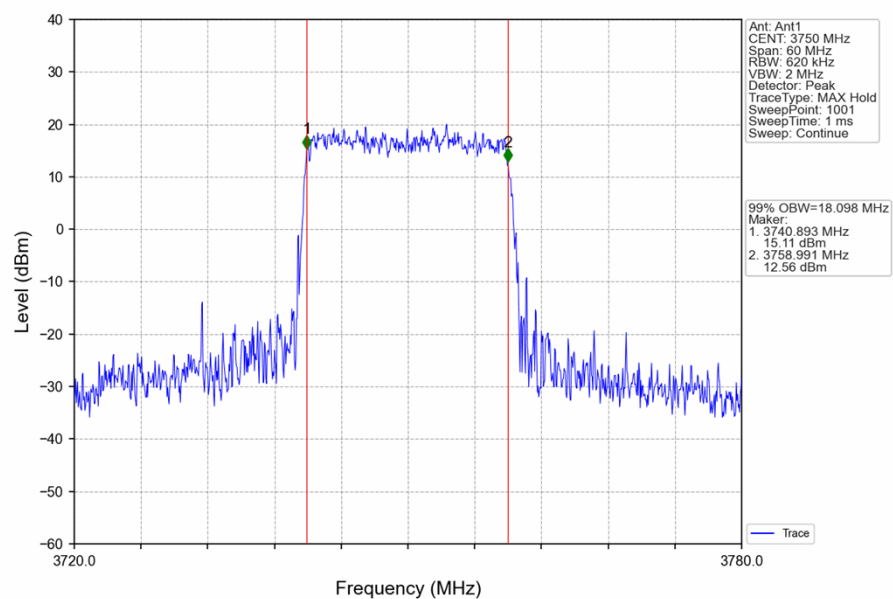
Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



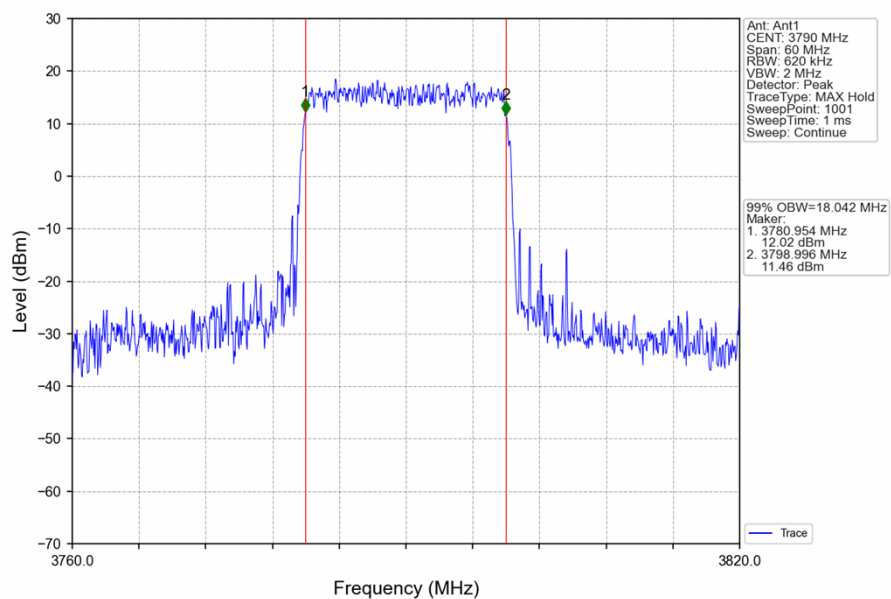
Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



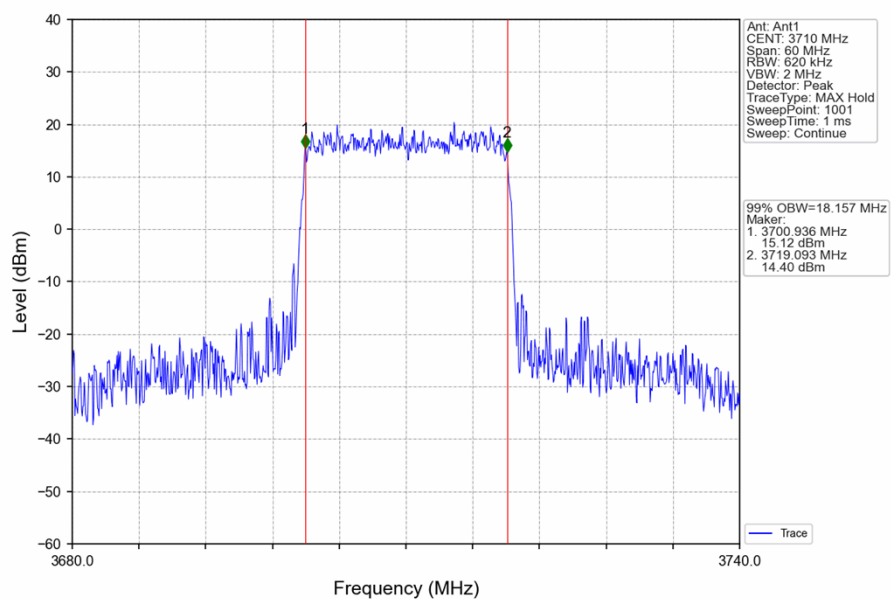
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



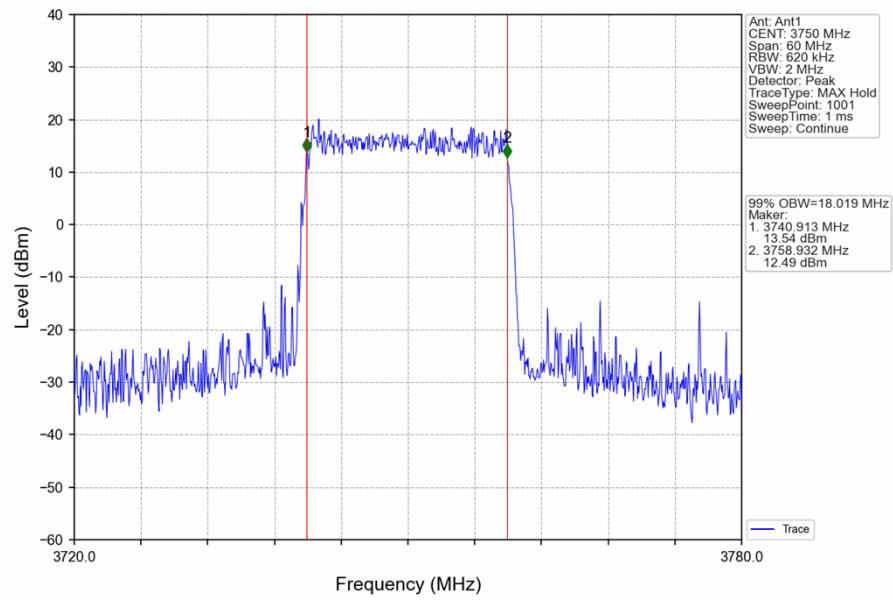
Band43d_20MHz_QPSK_HCH_3790MHz_RB_100_0_NTNV



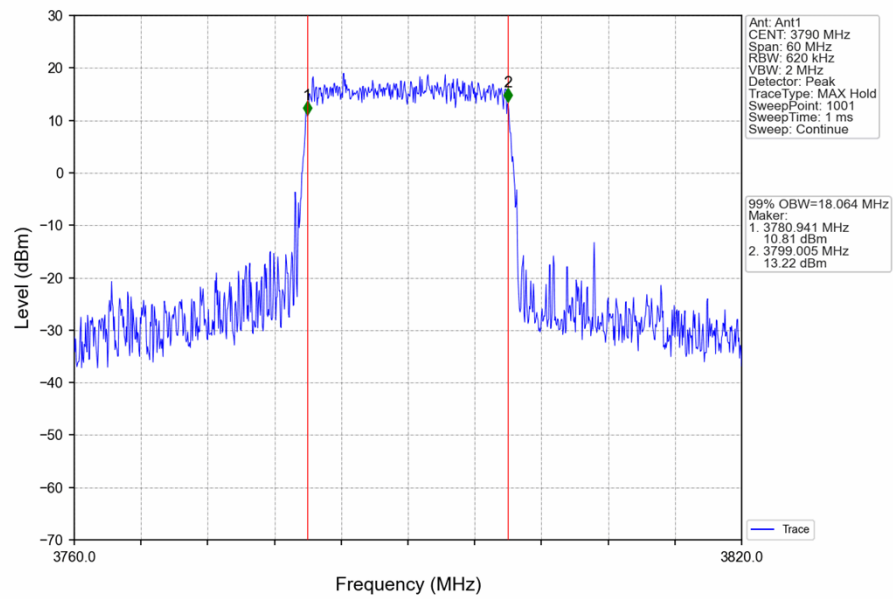
Band43d_20MHz_16QAM_LCH_3710MHz_RB_100_0_NTNV



Band43d_20MHz_16QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_16QAM_HCH_3790MHz_RB_100_0_NTNV



3.2 Band43d_XDB

3.2.1 Test Result

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	5.054	/	Pass
		3750	25	0	5.017	/	Pass
		3797.5	25	0	5.229	/	Pass
	16QAM	3702.5	25	0	5.023	/	Pass
		3750	25	0	4.899	/	Pass
		3797.5	25	0	6.101	/	Pass
10	QPSK	3705	50	0	10.383	/	Pass
		3750	50	0	9.719	/	Pass
		3795	50	0	9.749	/	Pass
	16QAM	3705	50	0	9.728	/	Pass
		3750	50	0	9.717	/	Pass
		3795	50	0	10.080	/	Pass
15	QPSK	3707.5	75	0	14.530	/	Pass
		3750	75	0	15.268	/	Pass
		3792.5	75	0	14.758	/	Pass
	16QAM	3707.5	75	0	14.781	/	Pass
		3750	75	0	14.700	/	Pass
		3792.5	75	0	13.223	/	Pass
20	QPSK	3710	100	0	19.634	/	Pass
		3750	100	0	19.709	/	Pass
		3790	100	0	19.342	/	Pass
	16QAM	3710	100	0	19.313	/	Pass
		3750	100	0	19.262	/	Pass
		3790	100	0	19.993	/	Pass

3.2.2 Test Graph

