

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B43d_5MHz_EIRP

Band: 43d / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3702.5	1	0	23.66	3.10	26.76	<=30	Pass
			13	23.62	3.10	26.72	<=30	Pass
			24	23.68	3.10	26.78	<=30	Pass
		12	0	22.50	3.10	25.60	<=30	Pass
			6	22.54	3.10	25.64	<=30	Pass
			13	22.58	3.10	25.68	<=30	Pass
		25	0	22.60	3.10	25.70	<=30	Pass
	3750	1	0	23.62	3.10	26.72	<=30	Pass
			13	23.54	3.10	26.64	<=30	Pass
			24	23.61	3.10	26.71	<=30	Pass
		12	0	22.44	3.10	25.54	<=30	Pass
			6	22.45	3.10	25.55	<=30	Pass
			13	22.46	3.10	25.56	<=30	Pass
		25	0	22.53	3.10	25.63	<=30	Pass
	3797.5	1	0	23.51	3.10	26.61	<=30	Pass
			13	23.51	3.10	26.61	<=30	Pass
			24	23.57	3.10	26.67	<=30	Pass
		12	0	22.44	3.10	25.54	<=30	Pass
			6	22.39	3.10	25.49	<=30	Pass
			13	22.49	3.10	25.59	<=30	Pass
		25	0	22.45	3.10	25.55	<=30	Pass
16QAM	3702.5	1	0	22.91	3.10	26.01	<=30	Pass
			13	22.62	3.10	25.72	<=30	Pass
			24	22.69	3.10	25.79	<=30	Pass
		12	0	21.33	3.10	24.43	<=30	Pass
			6	21.19	3.10	24.29	<=30	Pass
			13	21.47	3.10	24.57	<=30	Pass
		25	0	21.46	3.10	24.56	<=30	Pass
	3750	1	0	22.15	3.10	25.25	<=30	Pass
			13	22.73	3.10	25.83	<=30	Pass
			24	22.81	3.10	25.91	<=30	Pass
		12	0	21.07	3.10	24.17	<=30	Pass
			6	21.15	3.10	24.25	<=30	Pass
			13	21.08	3.10	24.18	<=30	Pass
		25	0	21.24	3.10	24.34	<=30	Pass
	3797.5	1	0	22.30	3.10	25.40	<=30	Pass
			13	22.67	3.10	25.77	<=30	Pass
			24	22.52	3.10	25.62	<=30	Pass
		12	0	21.09	3.10	24.19	<=30	Pass
			6	21.19	3.10	24.29	<=30	Pass
			13	21.16	3.10	24.26	<=30	Pass
		25	0	21.40	3.10	24.50	<=30	Pass
64QAM	3702.5	1	0	21.55	3.10	24.65	<=30	Pass
			13	21.52	3.10	24.62	<=30	Pass
			24	21.58	3.10	24.68	<=30	Pass
		12	0	20.96	3.10	24.06	<=30	Pass
			6	20.99	3.10	24.09	<=30	Pass
			13	21.05	3.10	24.15	<=30	Pass
		25	0	21.04	3.10	24.14	<=30	Pass

	3750	1	0	21.55	3.10	24.65	<=30	Pass
			13	21.43	3.10	24.53	<=30	Pass
			24	21.50	3.10	24.60	<=30	Pass
		12	0	20.94	3.10	24.04	<=30	Pass
			6	20.92	3.10	24.02	<=30	Pass
			13	20.97	3.10	24.07	<=30	Pass
		25	0	20.98	3.10	24.08	<=30	Pass
	3797.5	1	0	21.41	3.10	24.51	<=30	Pass
			13	21.35	3.10	24.45	<=30	Pass
			24	21.45	3.10	24.55	<=30	Pass
		12	0	20.98	3.10	24.08	<=30	Pass
			6	21.01	3.10	24.11	<=30	Pass
			13	21.06	3.10	24.16	<=30	Pass
		25	0	21.04	3.10	24.14	<=30	Pass
256QAM	3702.5	1	0	18.93	3.10	22.03	<=30	Pass
			13	18.87	3.10	21.97	<=30	Pass
			24	18.98	3.10	22.08	<=30	Pass
		12	0	18.97	3.10	22.07	<=30	Pass
			6	19.04	3.10	22.14	<=30	Pass
			13	19.08	3.10	22.18	<=30	Pass
		25	0	18.95	3.10	22.05	<=30	Pass
	3750	1	0	18.86	3.10	21.96	<=30	Pass
			13	18.90	3.10	22.00	<=30	Pass
			24	18.87	3.10	21.97	<=30	Pass
		12	0	18.82	3.10	21.92	<=30	Pass
			6	18.87	3.10	21.97	<=30	Pass
			13	18.82	3.10	21.92	<=30	Pass
		25	0	18.90	3.10	22.00	<=30	Pass
	3797.5	1	0	18.93	3.10	22.03	<=30	Pass
			13	18.94	3.10	22.04	<=30	Pass
			24	18.97	3.10	22.07	<=30	Pass
		12	0	19.01	3.10	22.11	<=30	Pass
			6	19.07	3.10	22.17	<=30	Pass
			13	19.08	3.10	22.18	<=30	Pass
		25	0	18.95	3.10	22.05	<=30	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	23.63	3.10	26.73	<=30	Pass
			25	23.70	3.10	26.80	<=30	Pass
			49	23.77	3.10	26.87	<=30	Pass
		25	0	22.61	3.10	25.71	<=30	Pass
			13	22.63	3.10	25.73	<=30	Pass
			25	22.67	3.10	25.77	<=30	Pass
		50	0	22.66	3.10	25.76	<=30	Pass
	3750	1	0	23.59	3.10	26.69	<=30	Pass
			25	23.59	3.10	26.69	<=30	Pass
			49	23.60	3.10	26.70	<=30	Pass
		25	0	22.50	3.10	25.60	<=30	Pass
			13	22.49	3.10	25.59	<=30	Pass
			25	22.48	3.10	25.58	<=30	Pass
		50	0	22.52	3.10	25.62	<=30	Pass
	3795	1	0	23.44	3.10	26.54	<=30	Pass

			25	23.49	3.10	26.59	<=30	Pass		
			49	23.53	3.10	26.63	<=30	Pass		
			25	0	22.39	3.10	25.49	<=30	Pass	
				13	22.42	3.10	25.52	<=30	Pass	
				25	22.46	3.10	25.56	<=30	Pass	
			50	0	22.44	3.10	25.54	<=30	Pass	
16QAM	3705	1	0	22.85	3.10	25.95	<=30	Pass		
			25	22.85	3.10	25.95	<=30	Pass		
			49	22.93	3.10	26.03	<=30	Pass		
		25	0	21.52	3.10	24.62	<=30	Pass		
			13	21.65	3.10	24.75	<=30	Pass		
			25	21.66	3.10	24.76	<=30	Pass		
		50	0	21.58	3.10	24.68	<=30	Pass		
		3750	1	0	22.80	3.10	25.90	<=30	Pass	
				25	22.76	3.10	25.86	<=30	Pass	
	49			22.76	3.10	25.86	<=30	Pass		
	25		0	21.40	3.10	24.50	<=30	Pass		
			13	21.46	3.10	24.56	<=30	Pass		
			25	21.38	3.10	24.48	<=30	Pass		
	50		0	21.40	3.10	24.50	<=30	Pass		
	3795		1	0	22.70	3.10	25.80	<=30	Pass	
				25	22.70	3.10	25.80	<=30	Pass	
		49		22.75	3.10	25.85	<=30	Pass		
		25	0	21.36	3.10	24.46	<=30	Pass		
			13	21.42	3.10	24.52	<=30	Pass		
			25	21.41	3.10	24.51	<=30	Pass		
		50	0	21.37	3.10	24.47	<=30	Pass		
		64QAM	3705	1	0	21.50	3.10	24.60	<=30	Pass
					25	21.50	3.10	24.60	<=30	Pass
	49				21.66	3.10	24.76	<=30	Pass	
25	0			21.00	3.10	24.10	<=30	Pass		
	13			21.04	3.10	24.14	<=30	Pass		
	25			21.08	3.10	24.18	<=30	Pass		
50	0			21.02	3.10	24.12	<=30	Pass		
3750	1		0	21.50	3.10	24.60	<=30	Pass		
			25	21.40	3.10	24.50	<=30	Pass		
			49	21.44	3.10	24.54	<=30	Pass		
	25		0	20.87	3.10	23.97	<=30	Pass		
			13	20.89	3.10	23.99	<=30	Pass		
			25	20.93	3.10	24.03	<=30	Pass		
	50		0	20.92	3.10	24.02	<=30	Pass		
3795	1		0	21.28	3.10	24.38	<=30	Pass		
			25	21.33	3.10	24.43	<=30	Pass		
			49	21.41	3.10	24.51	<=30	Pass		
	25		0	20.96	3.10	24.06	<=30	Pass		
		13	20.98	3.10	24.08	<=30	Pass			
		25	20.99	3.10	24.09	<=30	Pass			
	50	0	20.92	3.10	24.02	<=30	Pass			
256QAM	3705	1	0	18.88	3.10	21.98	<=30	Pass		
			25	18.92	3.10	22.02	<=30	Pass		
			49	19.01	3.10	22.11	<=30	Pass		
		25	0	18.95	3.10	22.05	<=30	Pass		
			13	18.96	3.10	22.06	<=30	Pass		
			25	19.05	3.10	22.15	<=30	Pass		
	50	0	19.01	3.10	22.11	<=30	Pass			
	3750	1	0	18.81	3.10	21.91	<=30	Pass		
			25	18.86	3.10	21.96	<=30	Pass		
			49	18.88	3.10	21.98	<=30	Pass		
25		0	18.90	3.10	22.00	<=30	Pass			

			13	18.91	3.10	22.01	<=30	Pass
			25	18.97	3.10	22.07	<=30	Pass
		50	0	18.94	3.10	22.04	<=30	Pass
	3795	1	0	18.80	3.10	21.90	<=30	Pass
			25	18.87	3.10	21.97	<=30	Pass
			49	18.98	3.10	22.08	<=30	Pass
		25	0	18.89	3.10	21.99	<=30	Pass
			13	18.93	3.10	22.03	<=30	Pass
			25	18.99	3.10	22.09	<=30	Pass
		50	0	19.02	3.10	22.12	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B43d_15MHz_EIRP

Band: 43d / Bandwidth: 15MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3707.5	1	0	23.55	3.10	26.65	<=30	Pass
			38	23.68	3.10	26.78	<=30	Pass
			74	23.82	3.10	26.92	<=30	Pass
		36	0	22.56	3.10	25.66	<=30	Pass
			18	22.59	3.10	25.69	<=30	Pass
			39	22.66	3.10	25.76	<=30	Pass
		75	0	22.63	3.10	25.73	<=30	Pass
	3750	1	0	23.53	3.10	26.63	<=30	Pass
			38	23.53	3.10	26.63	<=30	Pass
			74	23.62	3.10	26.72	<=30	Pass
		36	0	22.47	3.10	25.57	<=30	Pass
			18	22.49	3.10	25.59	<=30	Pass
			39	22.47	3.10	25.57	<=30	Pass
		75	0	22.52	3.10	25.62	<=30	Pass
	3792.5	1	0	23.34	3.10	26.44	<=30	Pass
			38	23.46	3.10	26.56	<=30	Pass
			74	23.60	3.10	26.70	<=30	Pass
		36	0	22.41	3.10	25.51	<=30	Pass
			18	22.42	3.10	25.52	<=30	Pass
			39	22.45	3.10	25.55	<=30	Pass
		75	0	22.44	3.10	25.54	<=30	Pass
16QAM	3707.5	1	0	22.72	3.10	25.82	<=30	Pass
			38	22.85	3.10	25.95	<=30	Pass
			74	22.99	3.10	26.09	<=30	Pass
		36	0	21.54	3.10	24.64	<=30	Pass
			18	21.61	3.10	24.71	<=30	Pass
			39	21.67	3.10	24.77	<=30	Pass
		75	0	21.65	3.10	24.75	<=30	Pass
	3750	1	0	22.73	3.10	25.83	<=30	Pass
			38	22.75	3.10	25.85	<=30	Pass
			74	22.77	3.10	25.87	<=30	Pass
		36	0	21.43	3.10	24.53	<=30	Pass
			18	21.49	3.10	24.59	<=30	Pass
			39	21.47	3.10	24.57	<=30	Pass
		75	0	21.56	3.10	24.66	<=30	Pass
	3792.5	1	0	22.54	3.10	25.64	<=30	Pass
			38	22.56	3.10	25.66	<=30	Pass
			74	22.65	3.10	25.75	<=30	Pass
		36	0	21.48	3.10	24.58	<=30	Pass
			18	21.38	3.10	24.48	<=30	Pass

64QAM		75	39	21.46	3.10	24.56	<=30	Pass
			0	21.44	3.10	24.54	<=30	Pass
	3707.5	1	0	21.44	3.10	24.54	<=30	Pass
			38	21.57	3.10	24.67	<=30	Pass
			74	21.67	3.10	24.77	<=30	Pass
		36	0	20.95	3.10	24.05	<=30	Pass
			18	21.01	3.10	24.11	<=30	Pass
			39	21.10	3.10	24.20	<=30	Pass
		75	0	21.05	3.10	24.15	<=30	Pass
	3750	1	0	21.36	3.10	24.46	<=30	Pass
			38	21.40	3.10	24.50	<=30	Pass
			74	21.46	3.10	24.56	<=30	Pass
		36	0	20.89	3.10	23.99	<=30	Pass
			18	20.86	3.10	23.96	<=30	Pass
			39	20.91	3.10	24.01	<=30	Pass
		75	0	20.92	3.10	24.02	<=30	Pass
	3792.5	1	0	21.28	3.10	24.38	<=30	Pass
			38	21.32	3.10	24.42	<=30	Pass
			74	21.42	3.10	24.52	<=30	Pass
		36	0	20.89	3.10	23.99	<=30	Pass
			18	20.94	3.10	24.04	<=30	Pass
			39	21.00	3.10	24.10	<=30	Pass
		75	0	20.92	3.10	24.02	<=30	Pass
256QAM	3707.5	1	0	18.79	3.10	21.89	<=30	Pass
			38	18.95	3.10	22.05	<=30	Pass
			74	19.06	3.10	22.16	<=30	Pass
		36	0	18.94	3.10	22.04	<=30	Pass
			18	18.96	3.10	22.06	<=30	Pass
			39	19.09	3.10	22.19	<=30	Pass
		75	0	19.00	3.10	22.10	<=30	Pass
	3750	1	0	18.76	3.10	21.86	<=30	Pass
			38	18.78	3.10	21.88	<=30	Pass
			74	18.89	3.10	21.99	<=30	Pass
		36	0	18.89	3.10	21.99	<=30	Pass
			18	18.89	3.10	21.99	<=30	Pass
			39	18.95	3.10	22.05	<=30	Pass
		75	0	18.90	3.10	22.00	<=30	Pass
	3792.5	1	0	18.67	3.10	21.77	<=30	Pass
			38	18.86	3.10	21.96	<=30	Pass
			74	18.98	3.10	22.08	<=30	Pass
		36	0	18.82	3.10	21.92	<=30	Pass
			18	18.94	3.10	22.04	<=30	Pass
			39	18.93	3.10	22.03	<=30	Pass
		75	0	18.88	3.10	21.98	<=30	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	23.49	3.10	26.59	<=30	Pass
			50	23.73	3.10	26.83	<=30	Pass
			99	23.79	3.10	26.89	<=30	Pass
		50	0	22.63	3.10	25.73	<=30	Pass
			25	22.68	3.10	25.78	<=30	Pass
			50	22.79	3.10	25.89	<=30	Pass

		100	0	22.67	3.10	25.77	<=30	Pass	
	3750	1	0	23.53	3.10	26.63	<=30	Pass	
			50	23.54	3.10	26.64	<=30	Pass	
			99	23.57	3.10	26.67	<=30	Pass	
			0	22.53	3.10	25.63	<=30	Pass	
		50	25	22.57	3.10	25.67	<=30	Pass	
			50	22.55	3.10	25.65	<=30	Pass	
	100	0	22.56	3.10	25.66	<=30	Pass		
	3790	1	0	23.35	3.10	26.45	<=30	Pass	
			50	23.44	3.10	26.54	<=30	Pass	
			99	23.58	3.10	26.68	<=30	Pass	
		50	0	22.40	3.10	25.50	<=30	Pass	
			25	22.42	3.10	25.52	<=30	Pass	
			50	22.52	3.10	25.62	<=30	Pass	
		100	0	22.49	3.10	25.59	<=30	Pass	
		16QAM	3710	1	0	22.70	3.10	25.80	<=30
50	22.94				3.10	26.04	<=30	Pass	
99	22.92				3.10	26.02	<=30	Pass	
50	0			21.60	3.10	24.70	<=30	Pass	
	25			21.56	3.10	24.66	<=30	Pass	
	50			21.83	3.10	24.93	<=30	Pass	
100	0			21.74	3.10	24.84	<=30	Pass	
3750	1		0	22.71	3.10	25.81	<=30	Pass	
			50	22.78	3.10	25.88	<=30	Pass	
			99	22.82	3.10	25.92	<=30	Pass	
	50		0	21.49	3.10	24.59	<=30	Pass	
			25	21.27	3.10	24.37	<=30	Pass	
			50	20.88	3.10	23.98	<=30	Pass	
	100		0	21.55	3.10	24.65	<=30	Pass	
3790	1		0	22.51	3.10	25.61	<=30	Pass	
			50	22.62	3.10	25.72	<=30	Pass	
			99	22.79	3.10	25.89	<=30	Pass	
	50		0	21.37	3.10	24.47	<=30	Pass	
			25	21.08	3.10	24.18	<=30	Pass	
			50	20.94	3.10	24.04	<=30	Pass	
	100		0	21.42	3.10	24.52	<=30	Pass	
64QAM	3710		1	0	21.44	3.10	24.54	<=30	Pass
				50	21.58	3.10	24.68	<=30	Pass
				99	21.74	3.10	24.84	<=30	Pass
		50	0	20.99	3.10	24.09	<=30	Pass	
			25	21.11	3.10	24.21	<=30	Pass	
			50	21.20	3.10	24.30	<=30	Pass	
		100	0	21.12	3.10	24.22	<=30	Pass	
	3750	1	0	21.39	3.10	24.49	<=30	Pass	
			50	21.38	3.10	24.48	<=30	Pass	
			99	21.44	3.10	24.54	<=30	Pass	
		50	0	20.95	3.10	24.05	<=30	Pass	
			25	20.92	3.10	24.02	<=30	Pass	
			50	21.01	3.10	24.11	<=30	Pass	
		100	0	20.93	3.10	24.03	<=30	Pass	
	3790	1	0	21.21	3.10	24.31	<=30	Pass	
			50	21.33	3.10	24.43	<=30	Pass	
			99	21.43	3.10	24.53	<=30	Pass	
		50	0	20.84	3.10	23.94	<=30	Pass	
			25	20.95	3.10	24.05	<=30	Pass	
			50	20.99	3.10	24.09	<=30	Pass	
100		0	20.89	3.10	23.99	<=30	Pass		
256QAM	3710	1	0	18.79	3.10	21.89	<=30	Pass	
			50	18.98	3.10	22.08	<=30	Pass	

		50	99	19.17	3.10	22.27	<=30	Pass
			0	18.98	3.10	22.08	<=30	Pass
			25	19.12	3.10	22.22	<=30	Pass
			50	19.17	3.10	22.27	<=30	Pass
		100	0	19.10	3.10	22.20	<=30	Pass
	3750	1	0	18.74	3.10	21.84	<=30	Pass
			50	18.78	3.10	21.88	<=30	Pass
			99	18.92	3.10	22.02	<=30	Pass
		50	0	18.95	3.10	22.05	<=30	Pass
			25	18.94	3.10	22.04	<=30	Pass
			50	19.01	3.10	22.11	<=30	Pass
		100	0	18.90	3.10	22.00	<=30	Pass
	3790	1	0	18.67	3.10	21.77	<=30	Pass
			50	18.83	3.10	21.93	<=30	Pass
			99	18.97	3.10	22.07	<=30	Pass
		50	0	18.90	3.10	22.00	<=30	Pass
			25	18.96	3.10	22.06	<=30	Pass
			50	19.01	3.10	22.11	<=30	Pass
		100	0	18.90	3.10	22.00	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B43d_5MHz

Band: 43d / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3750	25	0	20	3.27	-6.140	-0.0016	-2.5 to 2.5	Pass
					3.85	-5.133	-0.0014	-2.5 to 2.5	Pass
					4.43	1.235	0.0003	-2.5 to 2.5	Pass
				-30	3.85	2.685	0.0007	-2.5 to 2.5	Pass
				-20	3.85	6.673	0.0018	-2.5 to 2.5	Pass
				-10	3.85	1.775	0.0005	-2.5 to 2.5	Pass
				0	3.85	-1.120	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.649	-0.0002	-2.5 to 2.5	Pass
				30	3.85	-1.847	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.223	-0.0014	-2.5 to 2.5	Pass
				50	3.85	4.812	0.0013	-2.5 to 2.5	Pass

2.1.2 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	-2.206	-0.0006	-2.5 to 2.5	Pass
					3.85	-2.447	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.310	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	-2.162	-0.0006	-2.5 to 2.5	Pass
				-20	3.85	4.609	0.0012	-2.5 to 2.5	Pass
				-10	3.85	-3.102	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-3.767	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-1.111	-0.0003	-2.5 to 2.5	Pass

				30	3.85	0.489	0.0001	-2.5 to 2.5	Pass
				40	3.85	1.451	0.0004	-2.5 to 2.5	Pass
				50	3.85	-1.820	-0.0005	-2.5 to 2.5	Pass

2.1.3 B43d_15MHz

Band: 43d / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3750	75	0	20	3.27	-3.813	-0.0010	-2.5 to 2.5	Pass
					3.85	3.421	0.0009	-2.5 to 2.5	Pass
					4.43	2.941	0.0008	-2.5 to 2.5	Pass
				-30	3.85	-1.386	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	1.226	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.417	0.0001	-2.5 to 2.5	Pass
				0	3.85	0.560	0.0001	-2.5 to 2.5	Pass
				10	3.85	-0.060	0.0000	-2.5 to 2.5	Pass
				30	3.85	-3.017	-0.0008	-2.5 to 2.5	Pass
				40	3.85	6.411	0.0017	-2.5 to 2.5	Pass
				50	3.85	1.606	0.0004	-2.5 to 2.5	Pass

2.1.4 B43d_20MHz

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	3750	100	0	20	3.27	-4.493	-0.0012	-2.5 to 2.5	Pass
					3.85	-3.560	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.126	0.0000	-2.5 to 2.5	Pass
				-30	3.85	5.341	0.0014	-2.5 to 2.5	Pass
				-20	3.85	1.965	0.0005	-2.5 to 2.5	Pass
				-10	3.85	3.307	0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.999	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-5.379	-0.0014	-2.5 to 2.5	Pass
				30	3.85	1.497	0.0004	-2.5 to 2.5	Pass
				40	3.85	-1.042	-0.0003	-2.5 to 2.5	Pass
				50	3.85	8.738	0.0023	-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	3702.5	25	0	4.521	/	Pass
		3750	25	0	4.506	/	Pass
		3797.5	25	0	4.518	/	Pass
	16QAM	3702.5	25	0	4.522	/	Pass
		3750	25	0	4.503	/	Pass
		3797.5	25	0	4.501	/	Pass

	64QAM	3702.5	25	0	4.522	/	Pass
		3750	25	0	4.507	/	Pass
		3797.5	25	0	4.507	/	Pass
	256QAM	3702.5	25	0	4.517	/	Pass
		3750	25	0	4.525	/	Pass
		3797.5	25	0	4.516	/	Pass
10	QPSK	3705	50	0	9.002	/	Pass
		3750	50	0	9.010	/	Pass
		3795	50	0	9.005	/	Pass
	16QAM	3705	50	0	8.978	/	Pass
		3750	50	0	9.020	/	Pass
		3795	50	0	8.987	/	Pass
	64QAM	3705	50	0	8.987	/	Pass
		3750	50	0	8.996	/	Pass
		3795	50	0	9.003	/	Pass
	256QAM	3705	50	0	9.023	/	Pass
		3750	50	0	9.014	/	Pass
		3795	50	0	9.002	/	Pass
15	QPSK	3707.5	75	0	13.502	/	Pass
		3750	75	0	13.540	/	Pass
		3792.5	75	0	13.510	/	Pass
	16QAM	3707.5	75	0	13.557	/	Pass
		3750	75	0	13.505	/	Pass
		3792.5	75	0	13.502	/	Pass
	64QAM	3707.5	75	0	13.535	/	Pass
		3750	75	0	13.483	/	Pass
		3792.5	75	0	13.533	/	Pass
	256QAM	3707.5	75	0	13.488	/	Pass
		3750	75	0	13.501	/	Pass
		3792.5	75	0	13.506	/	Pass
20	QPSK	3710	100	0	18.040	/	Pass
		3750	100	0	18.106	/	Pass
		3790	100	0	18.018	/	Pass
	16QAM	3710	100	0	18.048	/	Pass
		3750	100	0	18.046	/	Pass
		3790	100	0	18.032	/	Pass
	64QAM	3710	100	0	18.087	/	Pass
		3750	100	0	17.989	/	Pass
		3790	100	0	18.058	/	Pass
	256QAM	3710	100	0	18.098	/	Pass
		3750	100	0	18.085	/	Pass
		3790	100	0	18.084	/	Pass

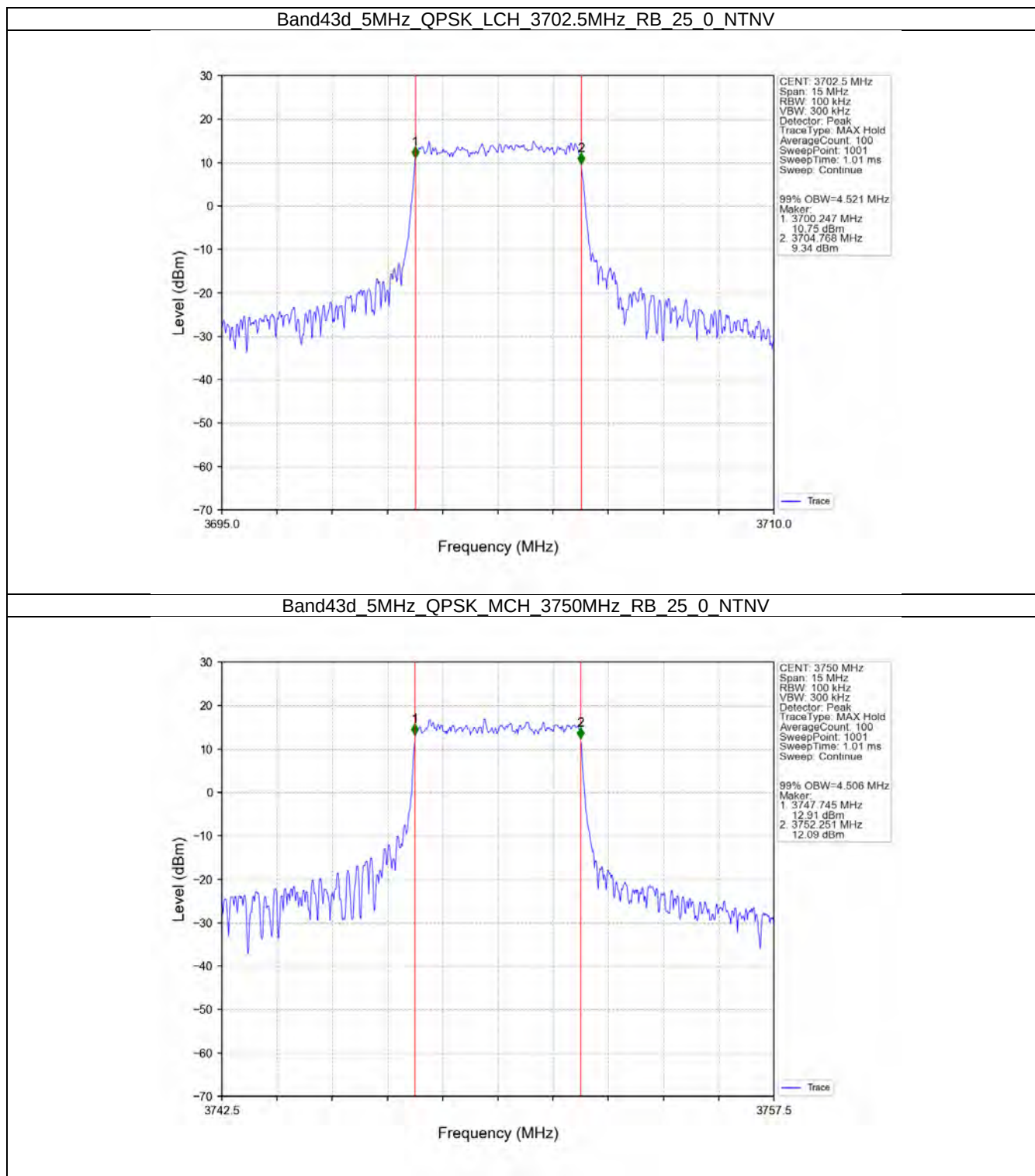
3.1.2 Band43d_XDB

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	5.102	/	Pass
		3750	25	0	5.048	/	Pass
		3797.5	25	0	4.958	/	Pass
	16QAM	3702.5	25	0	5.118	/	Pass
		3750	25	0	4.986	/	Pass
		3797.5	25	0	5.026	/	Pass
	64QAM	3702.5	25	0	5.119	/	Pass
		3750	25	0	4.993	/	Pass
		3797.5	25	0	5.048	/	Pass

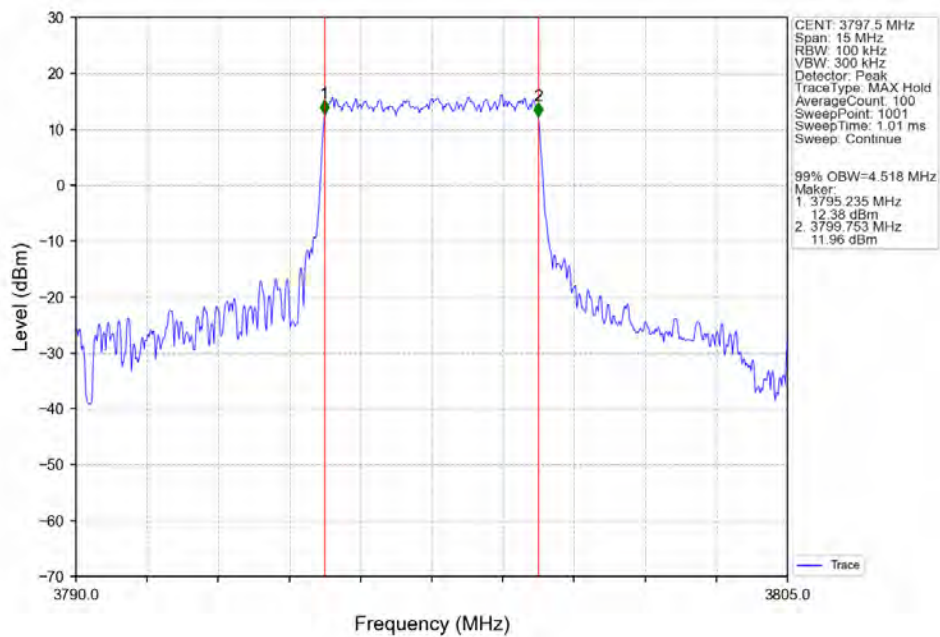
	256QAM	3702.5	25	0	4.986	/	Pass
		3750	25	0	4.996	/	Pass
		3797.5	25	0	5.207	/	Pass
10	QPSK	3705	50	0	10.089	/	Pass
		3750	50	0	9.917	/	Pass
		3795	50	0	10.023	/	Pass
	16QAM	3705	50	0	9.758	/	Pass
		3750	50	0	9.860	/	Pass
		3795	50	0	9.728	/	Pass
	64QAM	3705	50	0	9.960	/	Pass
		3750	50	0	9.780	/	Pass
		3795	50	0	9.903	/	Pass
	256QAM	3705	50	0	10.231	/	Pass
		3750	50	0	9.892	/	Pass
		3795	50	0	10.228	/	Pass
15	QPSK	3707.5	75	0	16.095	/	Pass
		3750	75	0	14.928	/	Pass
		3792.5	75	0	15.266	/	Pass
	16QAM	3707.5	75	0	15.060	/	Pass
		3750	75	0	15.107	/	Pass
		3792.5	75	0	15.073	/	Pass
	64QAM	3707.5	75	0	15.381	/	Pass
		3750	75	0	14.553	/	Pass
		3792.5	75	0	15.078	/	Pass
	256QAM	3707.5	75	0	15.000	/	Pass
		3750	75	0	14.693	/	Pass
		3792.5	75	0	16.163	/	Pass
20	QPSK	3710	100	0	20.366	/	Pass
		3750	100	0	20.664	/	Pass
		3790	100	0	20.512	/	Pass
	16QAM	3710	100	0	19.664	/	Pass
		3750	100	0	20.268	/	Pass
		3790	100	0	19.788	/	Pass
	64QAM	3710	100	0	20.113	/	Pass
		3750	100	0	20.787	/	Pass
		3790	100	0	19.493	/	Pass
	256QAM	3710	100	0	20.929	/	Pass
		3750	100	0	20.504	/	Pass
		3790	100	0	20.797	/	Pass

3.2 Test Graph

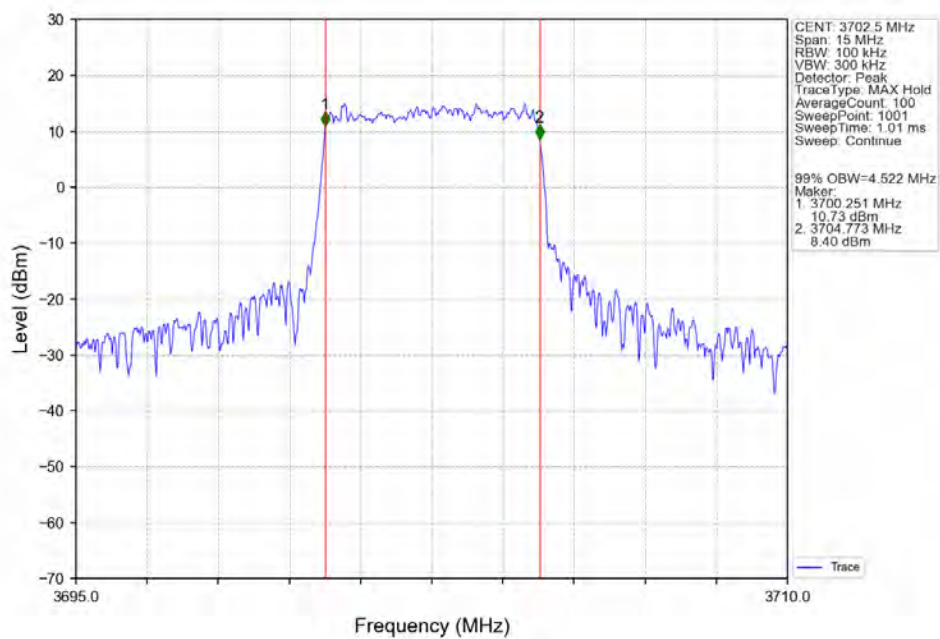
3.2.1 Band43d_OBW



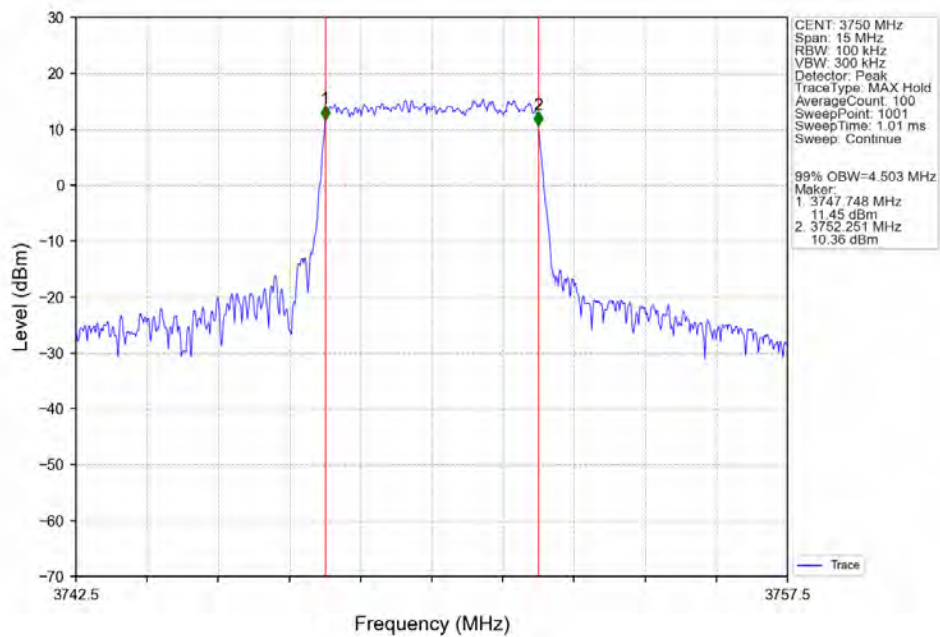
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



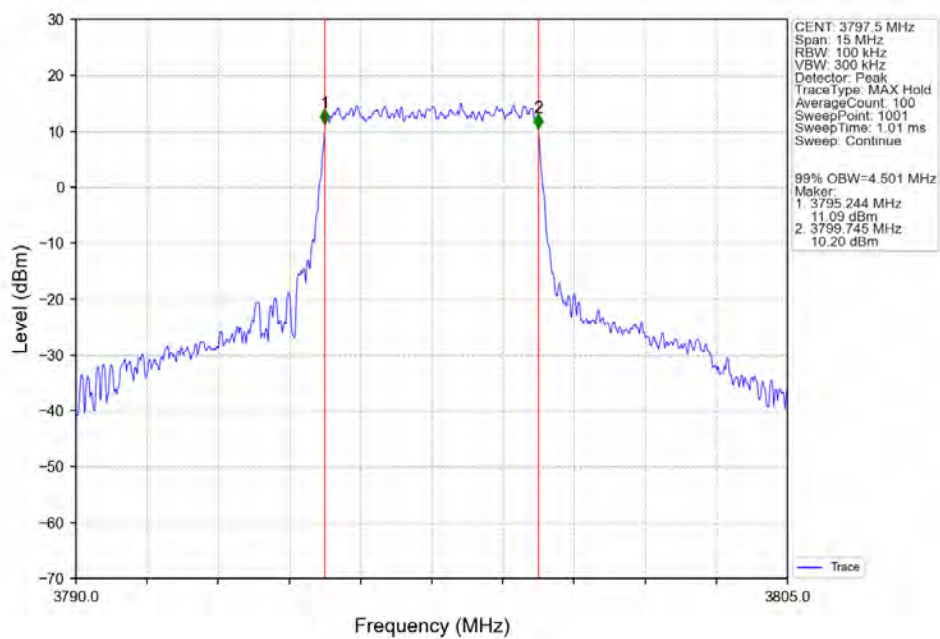
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



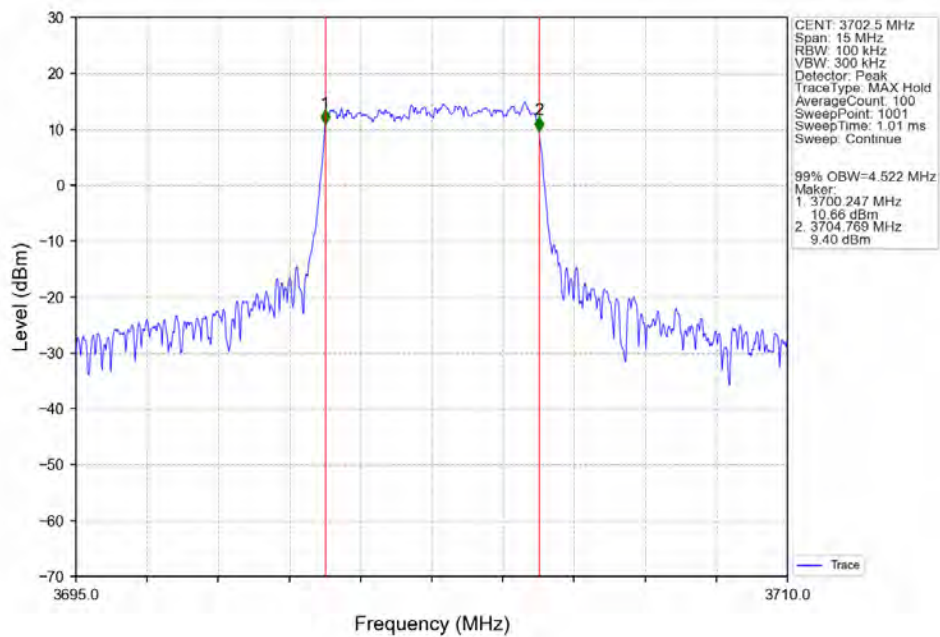
Band43d_5MHz_16QAM_MCH_3750MHz_RB_25_0_NTNV



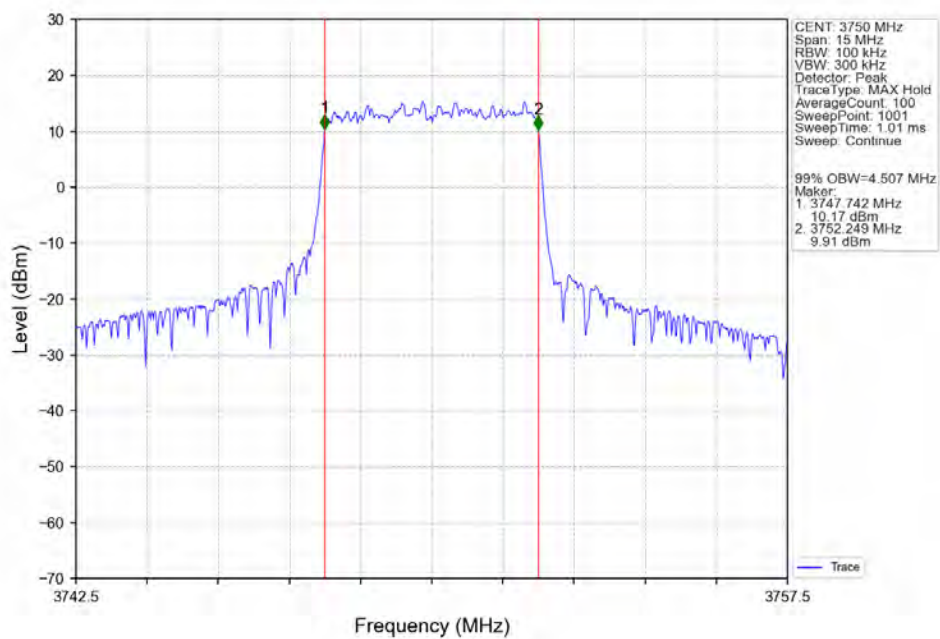
Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



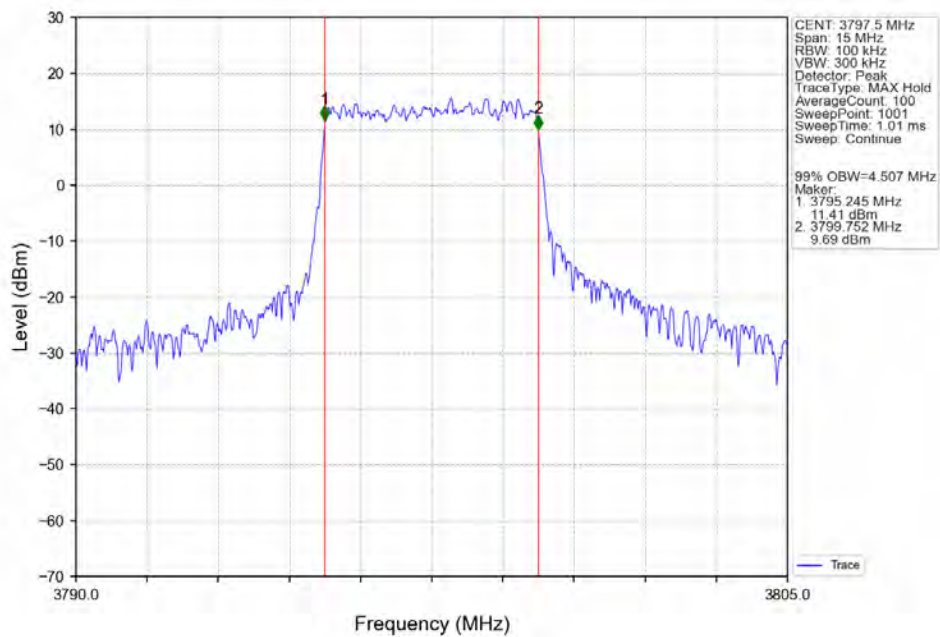
Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV



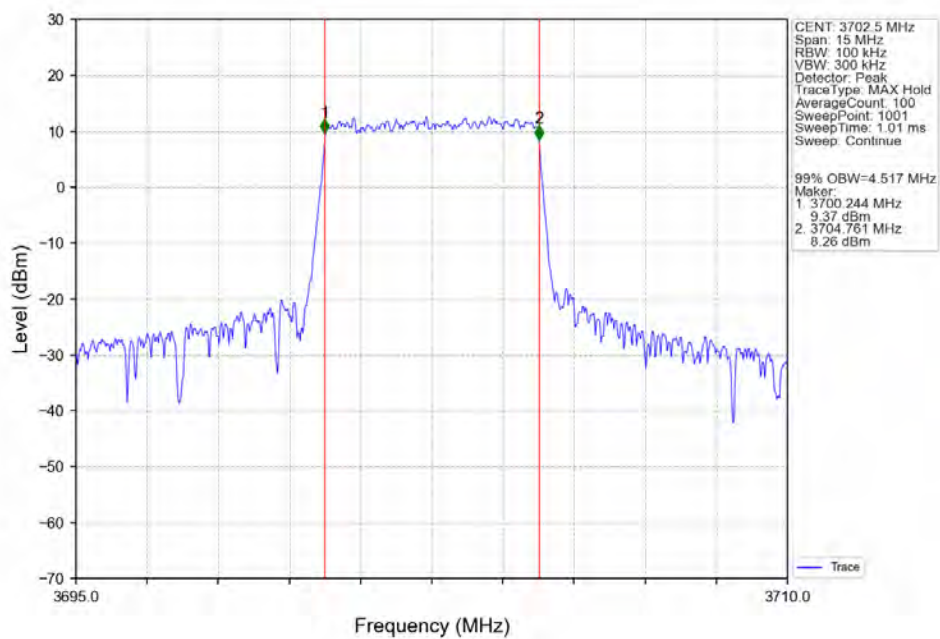
Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



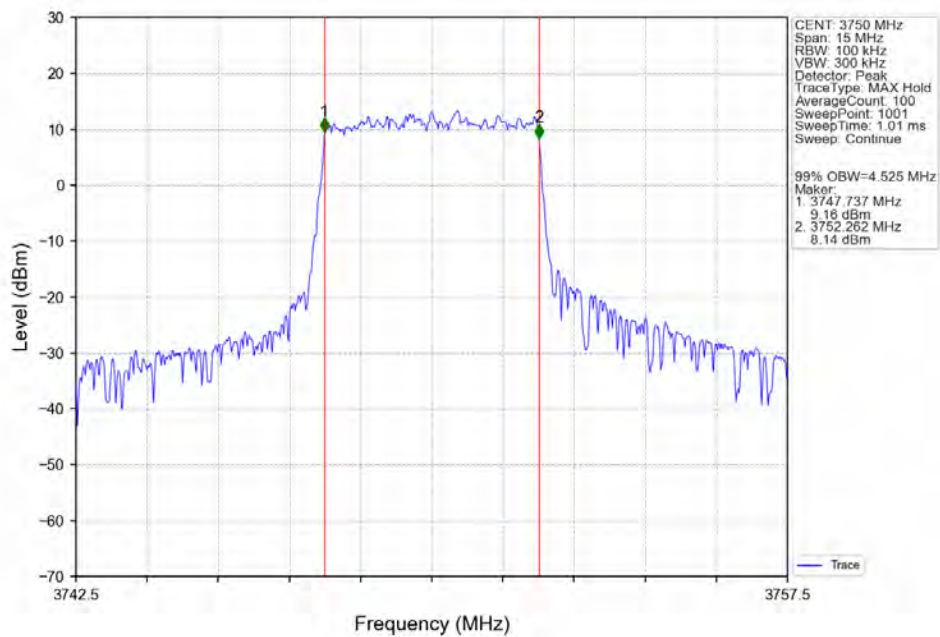
Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



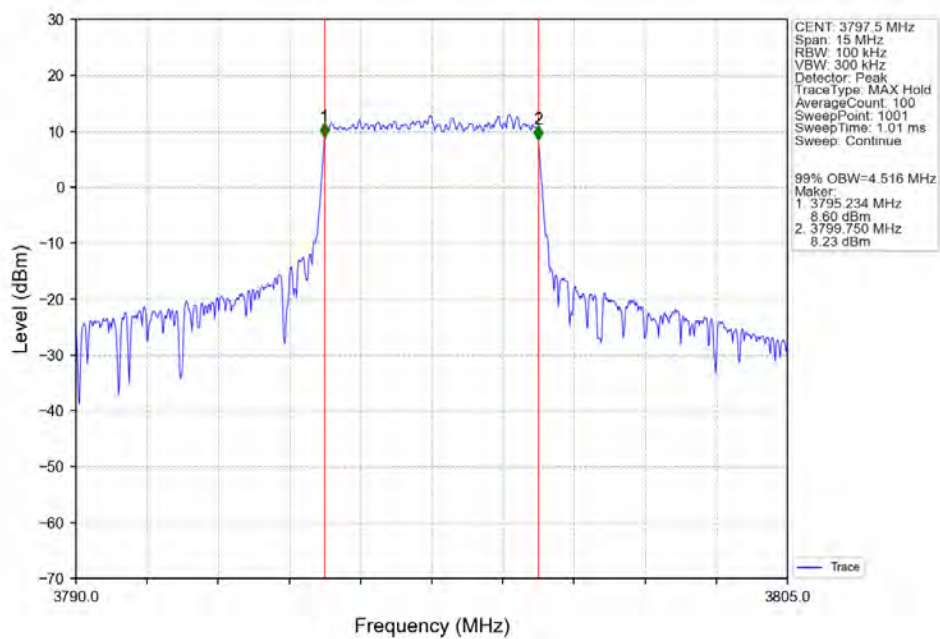
Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



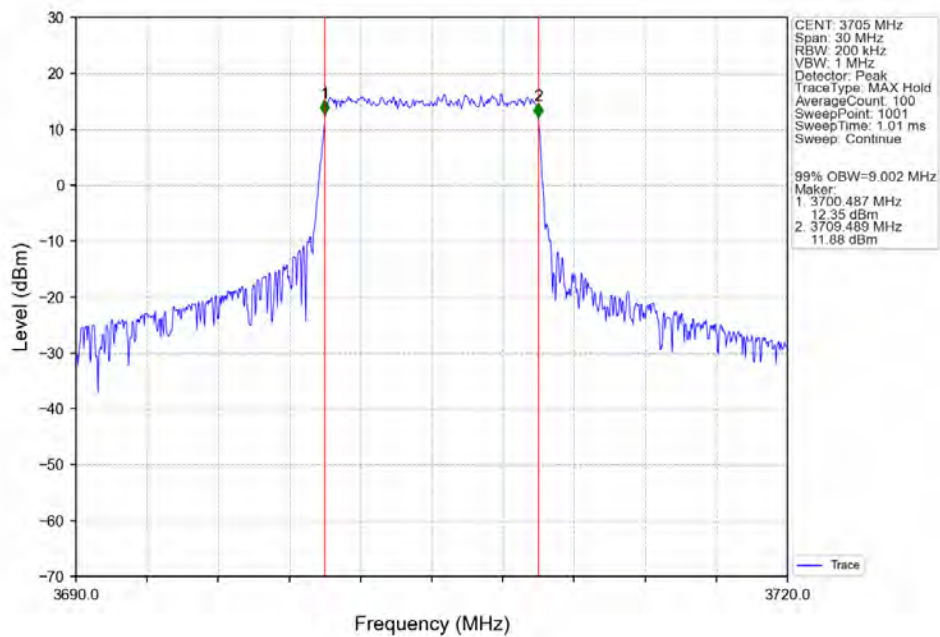
Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



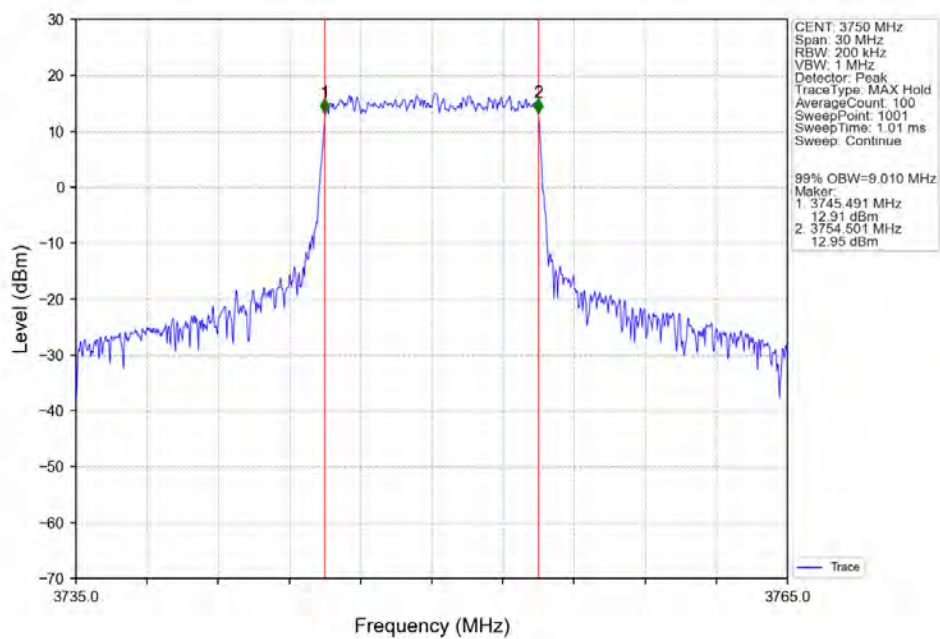
Band43d_5MHz_256QAM_HCH_3797.5MHz_RB_25_0_NTNV



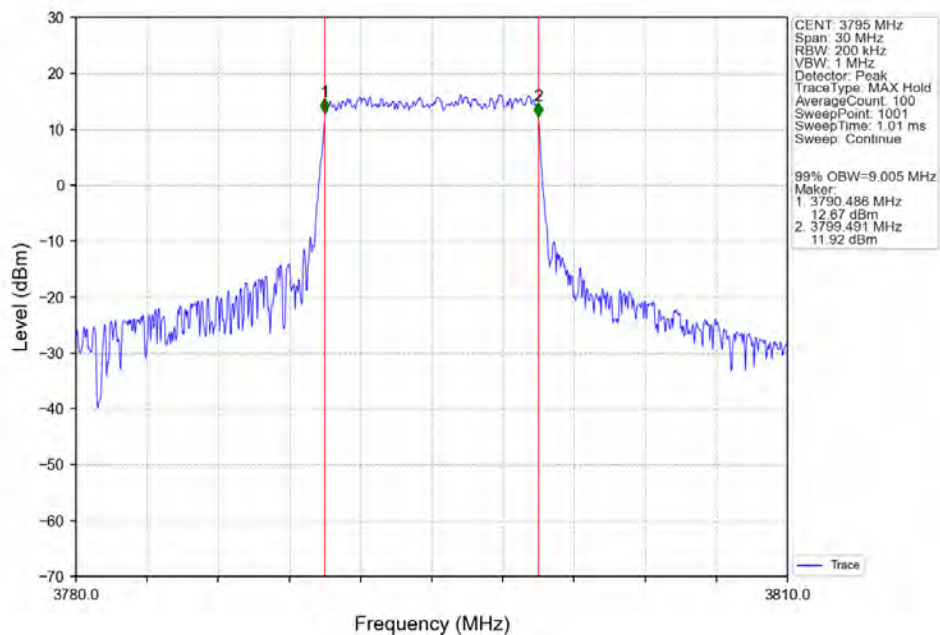
Band43d 10MHz QPSK LCH 3705MHz RB 50 0 NTNV



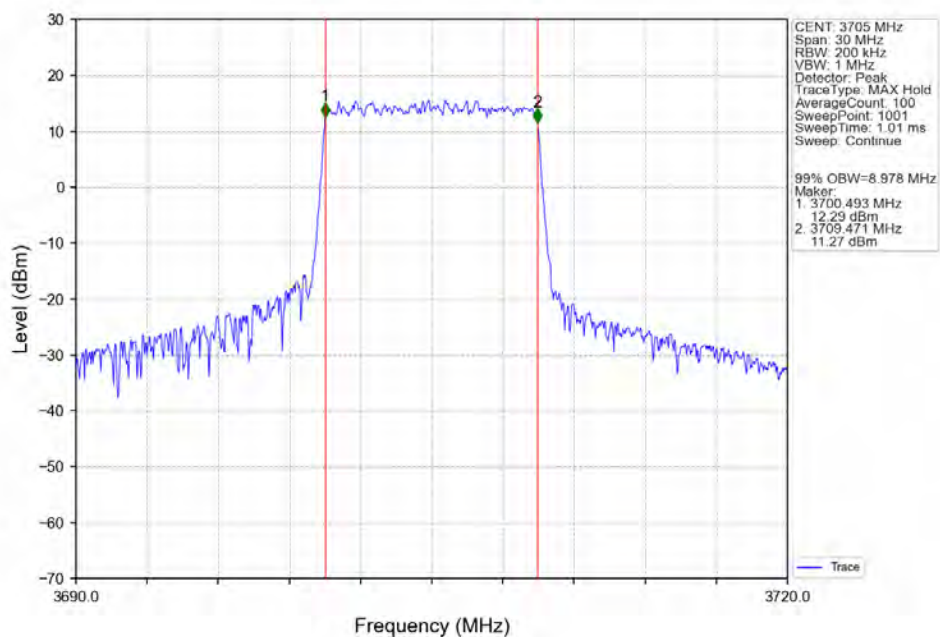
Band43d 10MHz QPSK MCH 3750MHz RB 50 0 NTNV



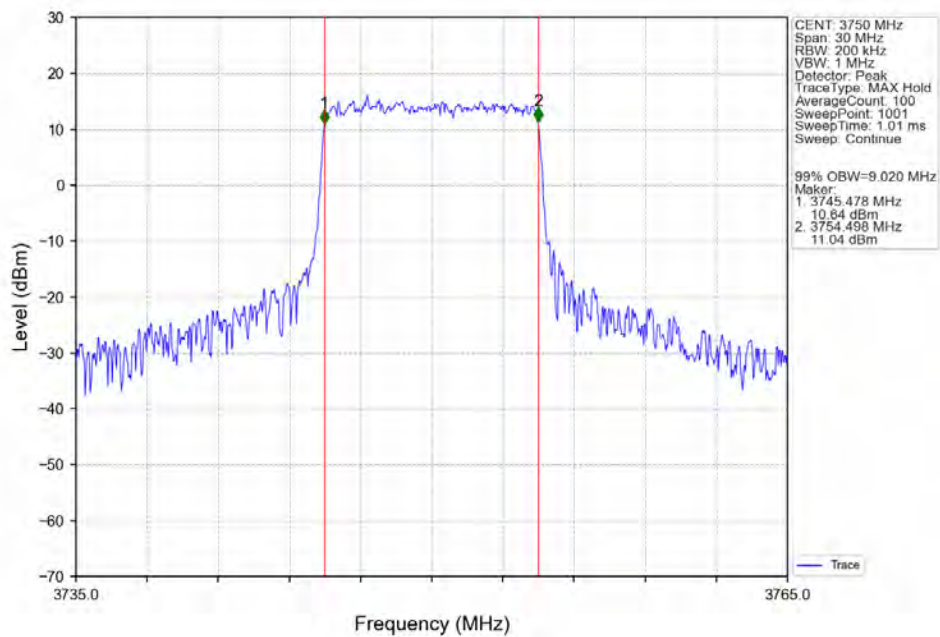
Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



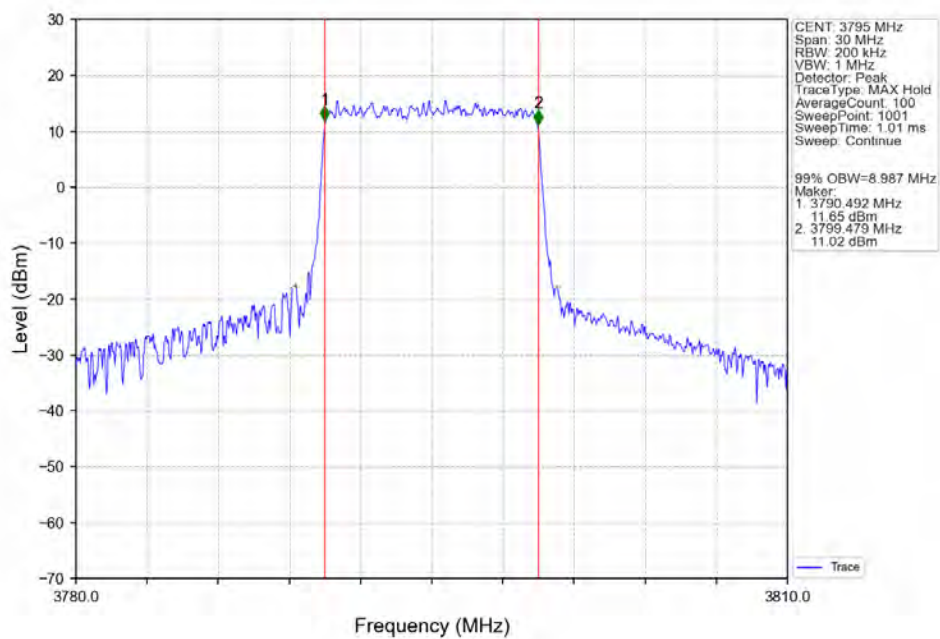
Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



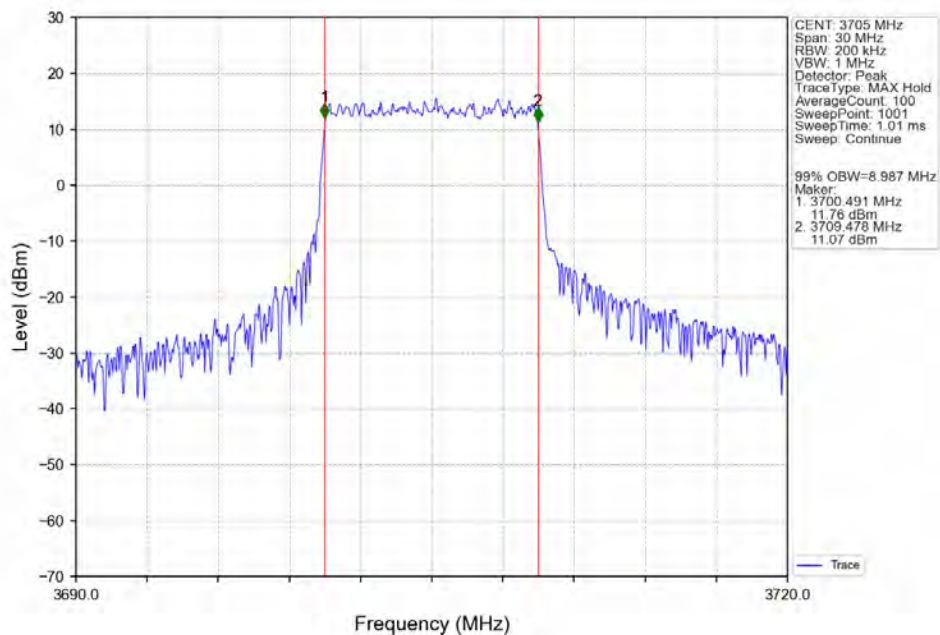
Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



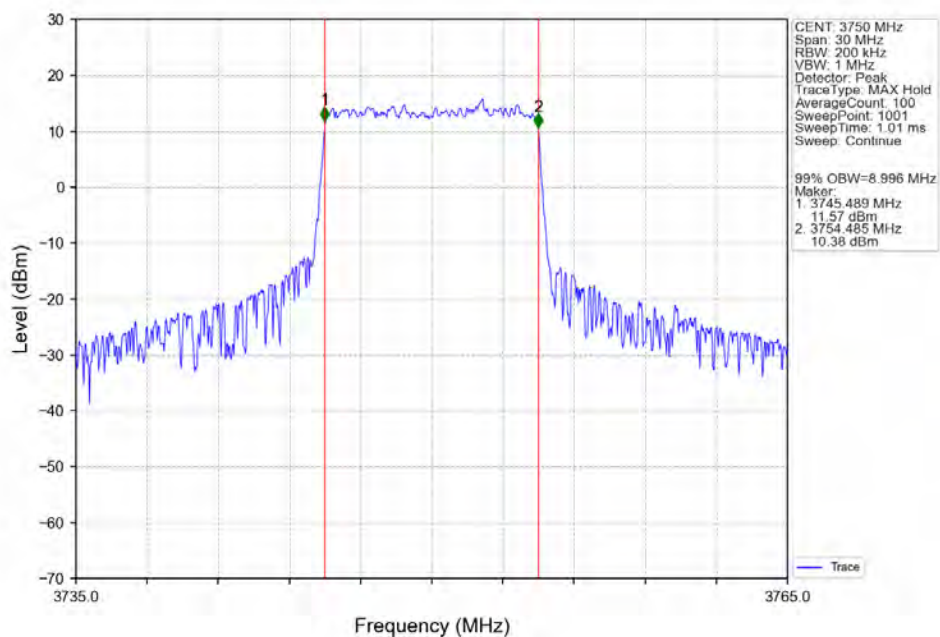
Band43d_10MHz_16QAM_HCH_3795MHz_RB_50_0_NTNV



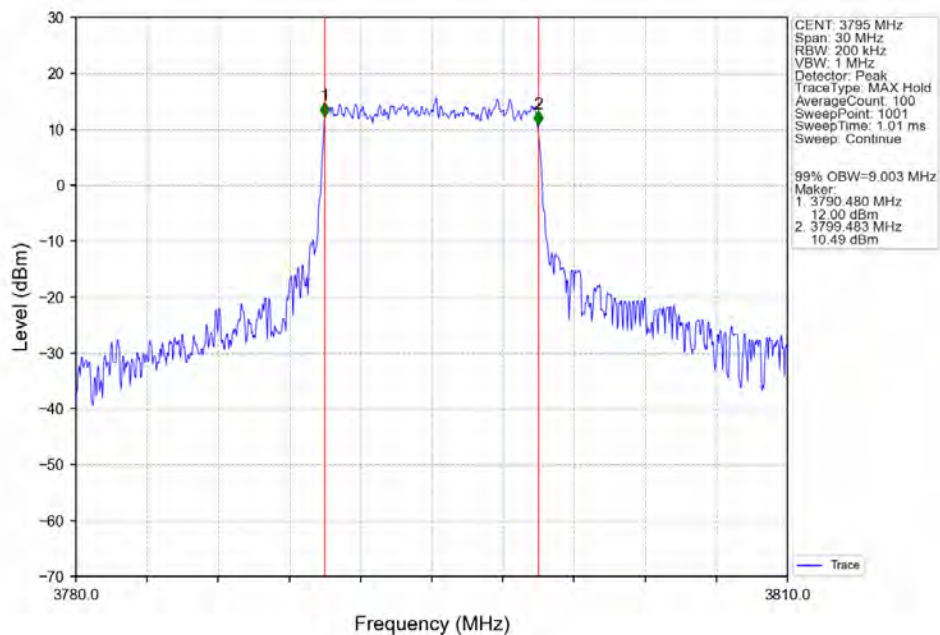
Band43d_10MHz_64QAM_LCH_3705MHz_RB_50_0_NTNV



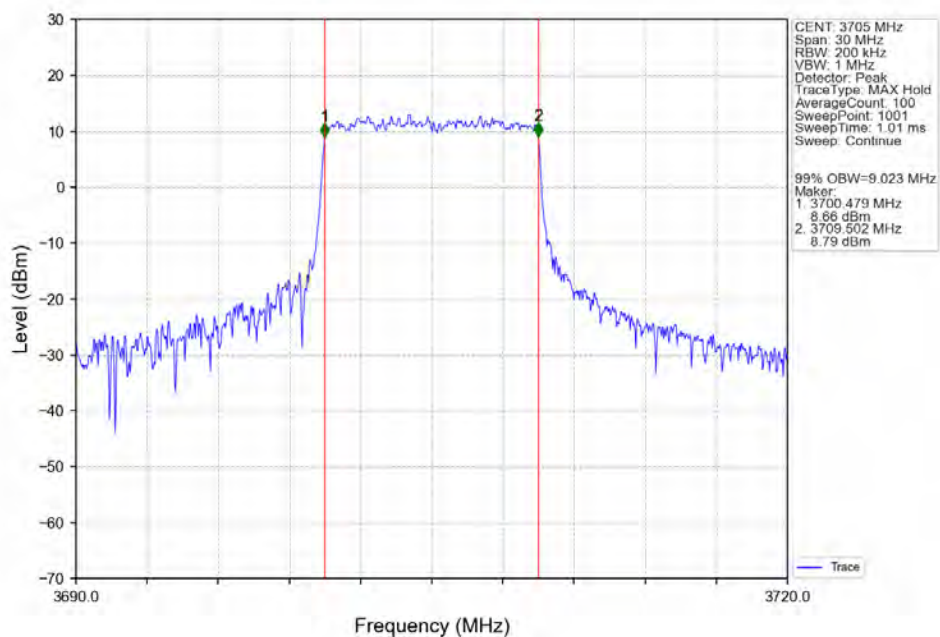
Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



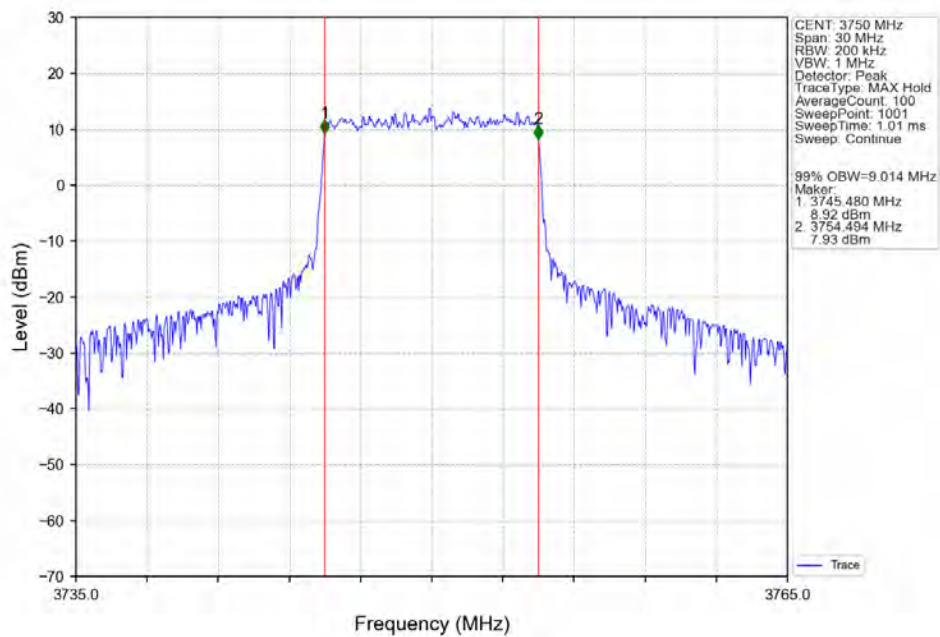
Band43d_10MHz_64QAM_HCH_3795MHz_RB_50_0_NTNV



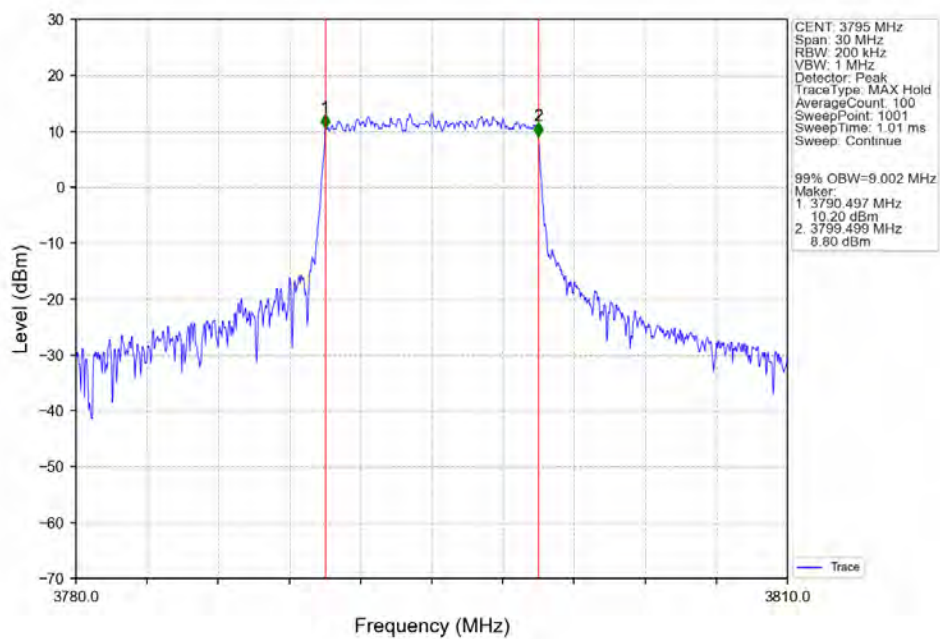
Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



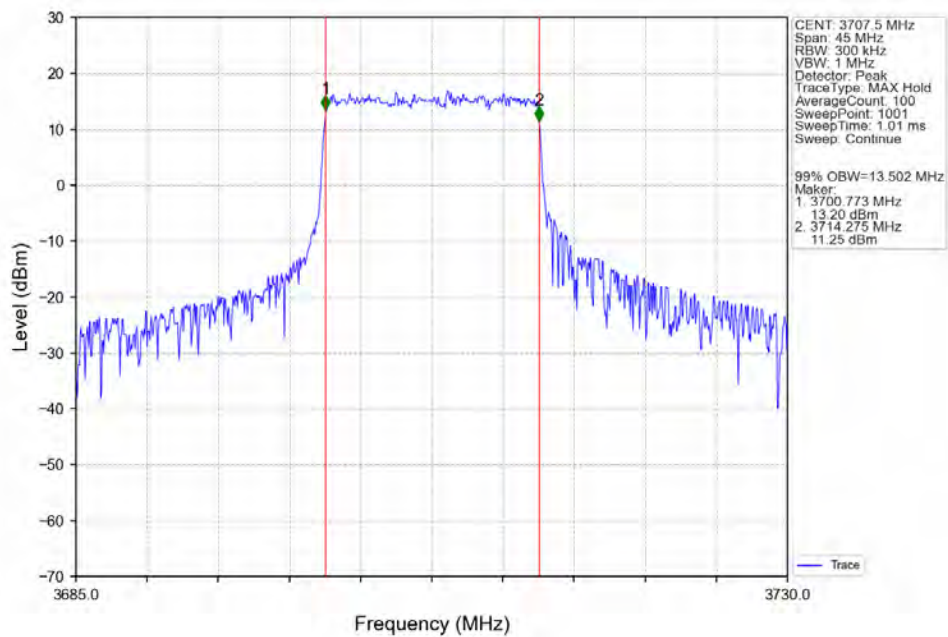
Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV



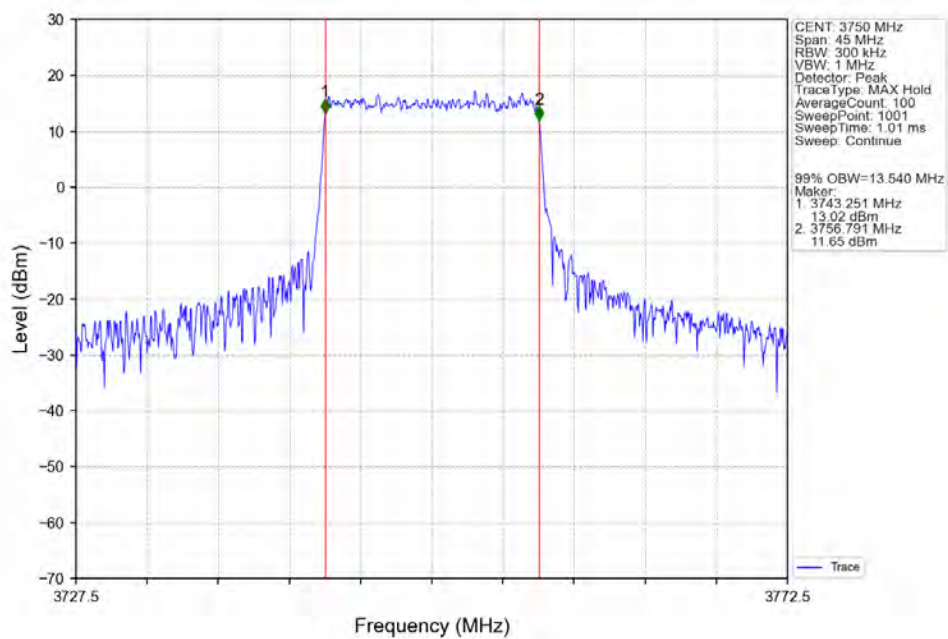
Band43d_10MHz_256QAM_HCH_3795MHz_RB_50_0_NTNV



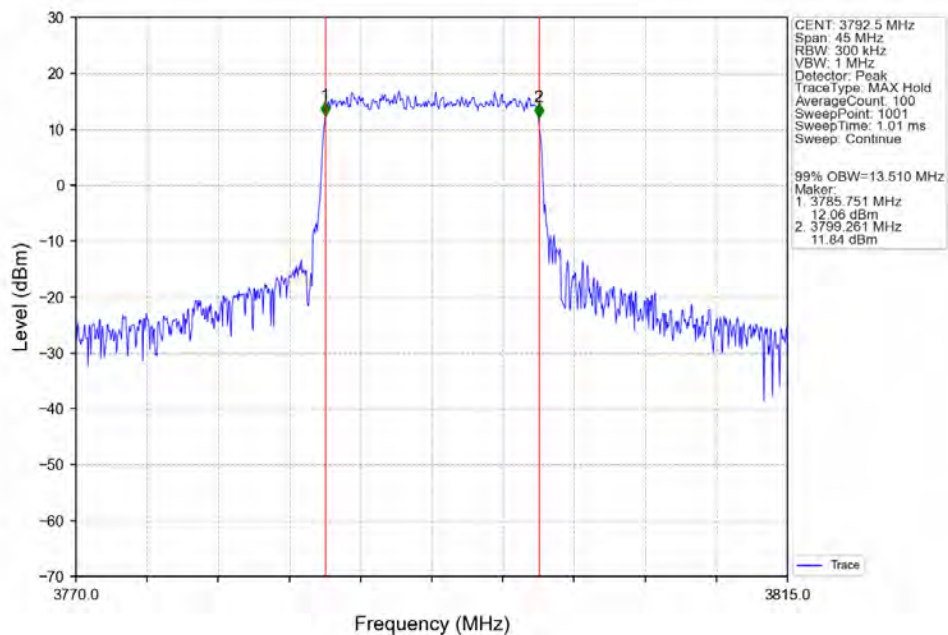
Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_75_0_NTNV



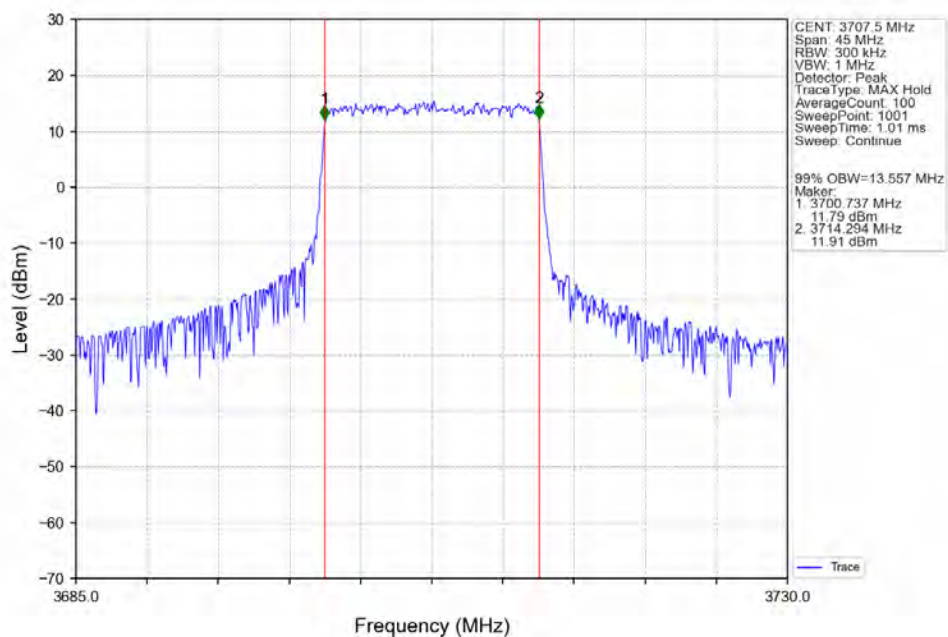
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



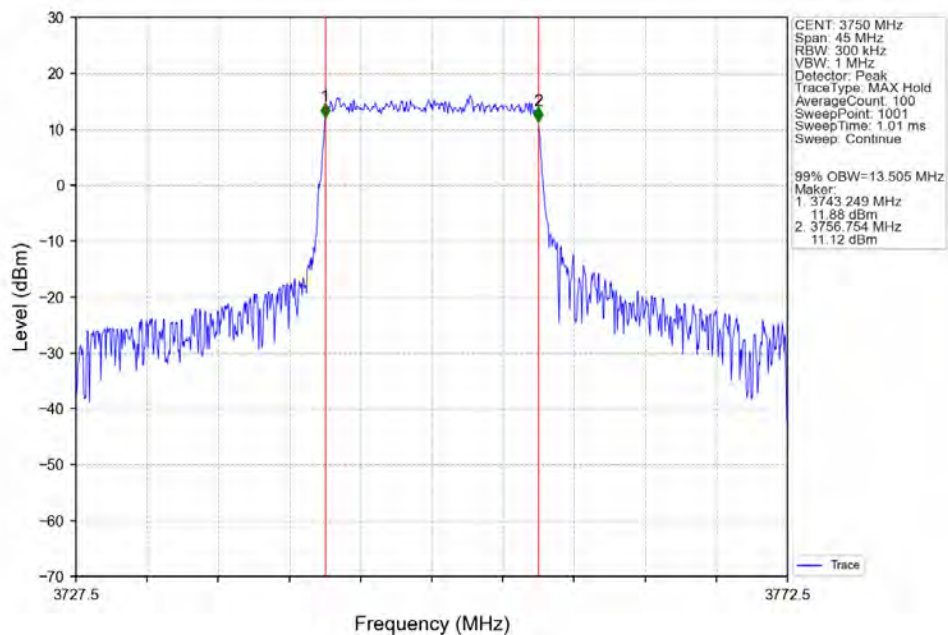
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



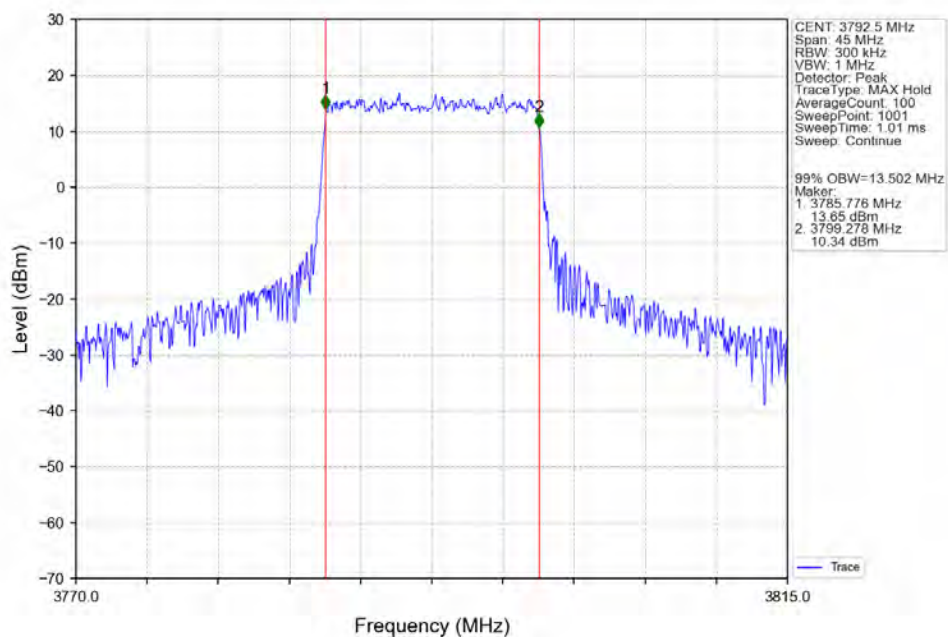
Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



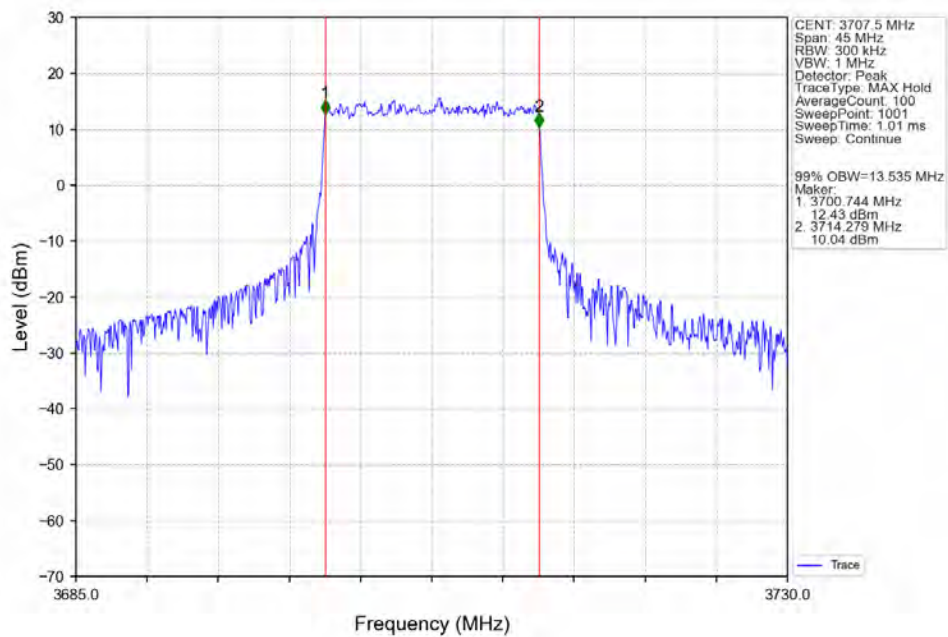
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



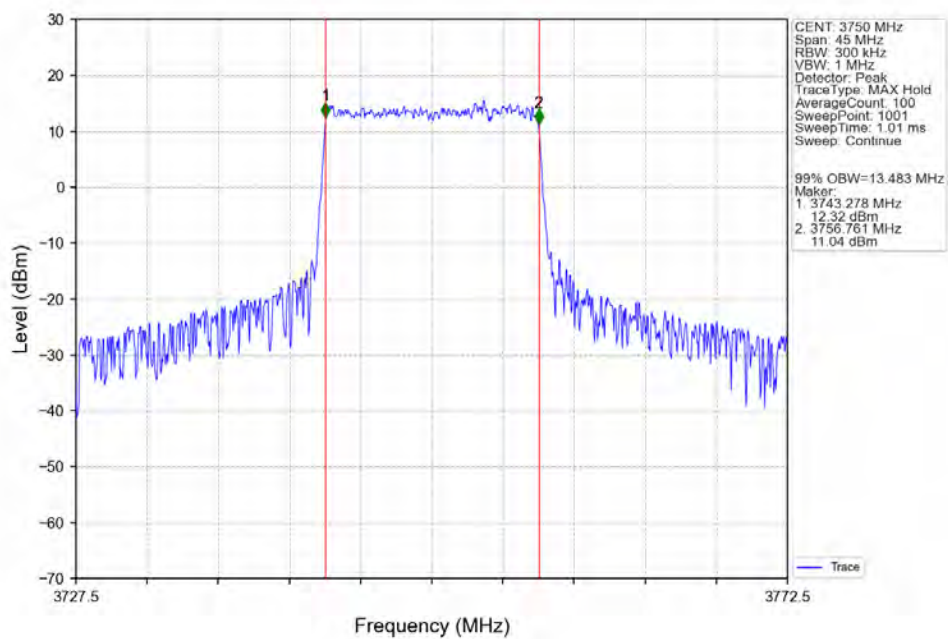
Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



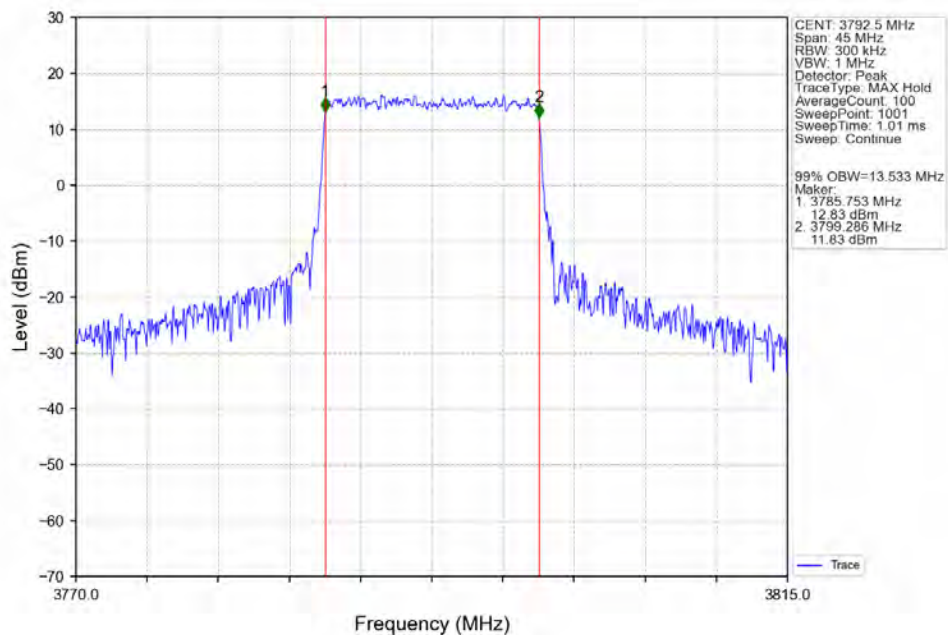
Band43d_15MHz_64QAM_LCH_3707.5MHz_RB_75_0_NTNV



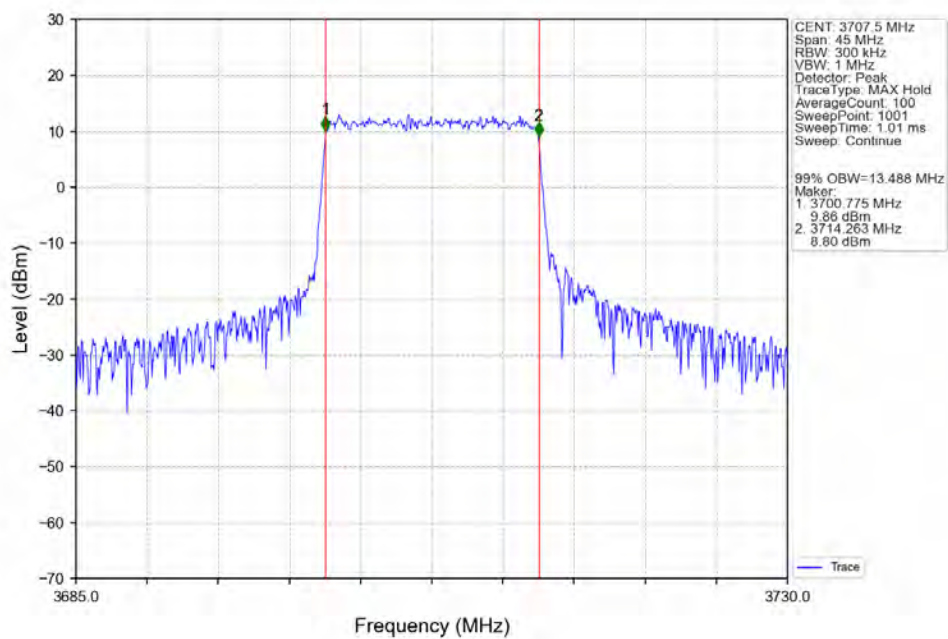
Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



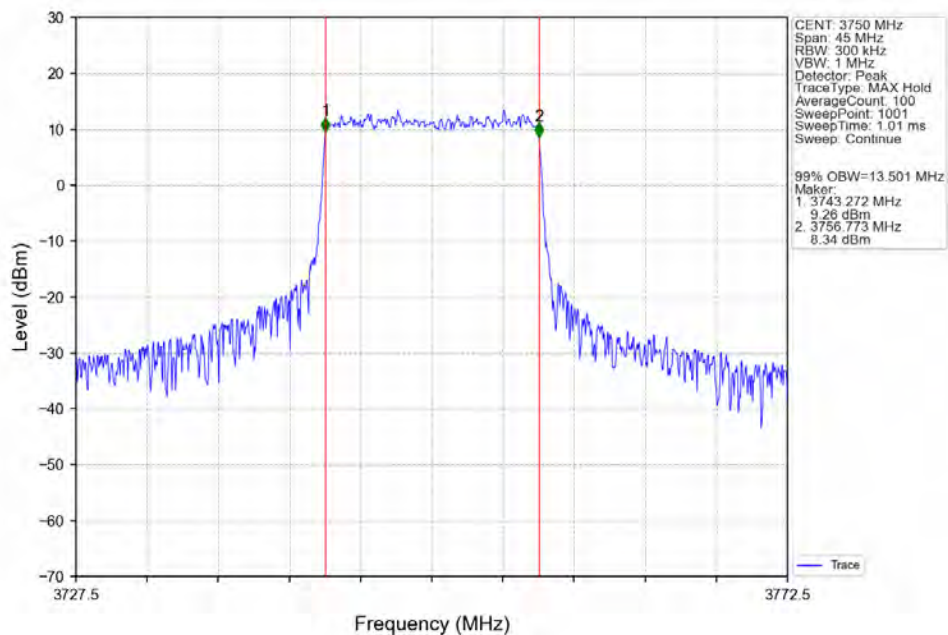
Band43d_15MHz_64QAM_HCH_3792.5MHz_RB_75_0_NTNV



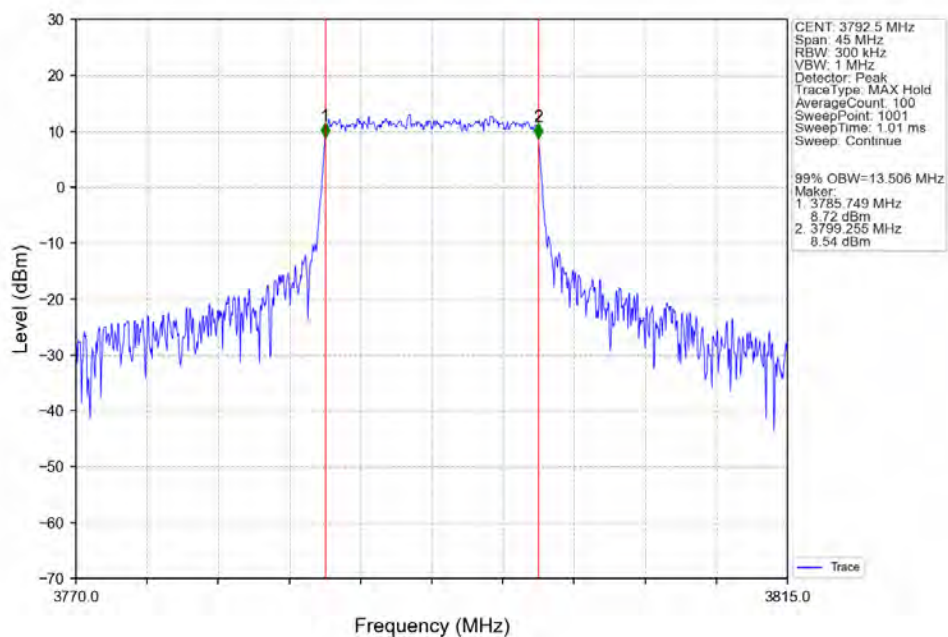
Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



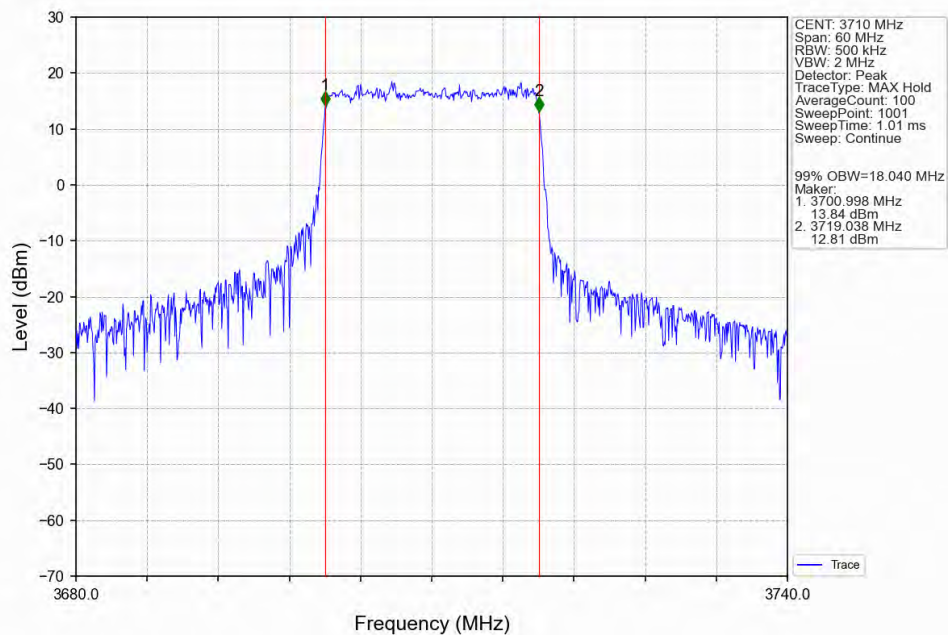
Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV



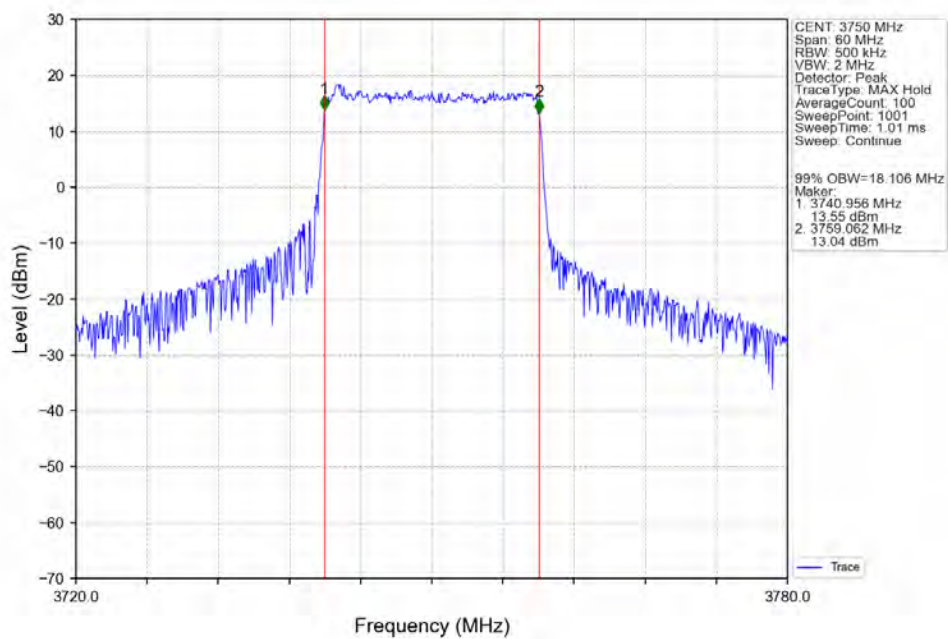
Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV



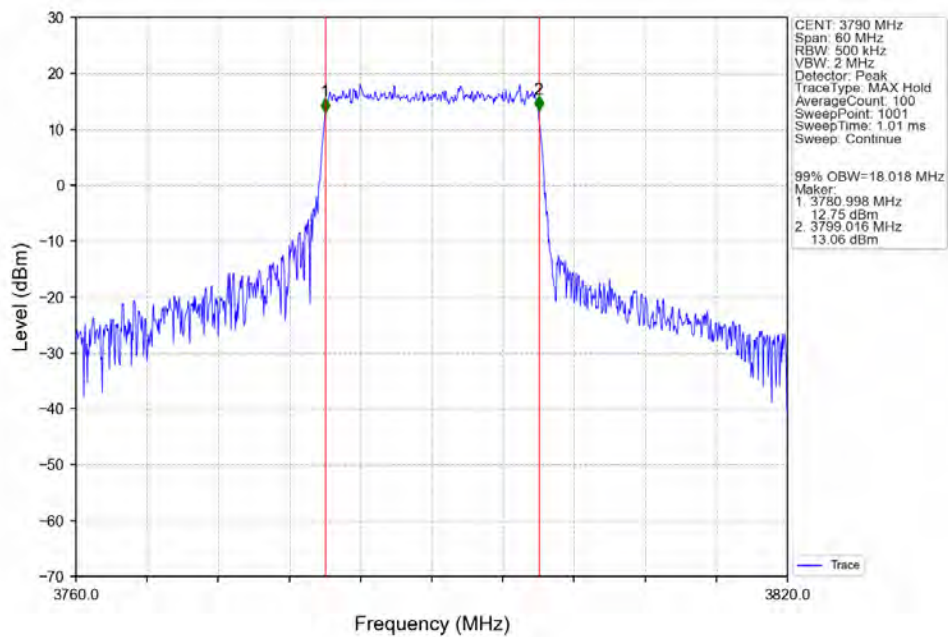
Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



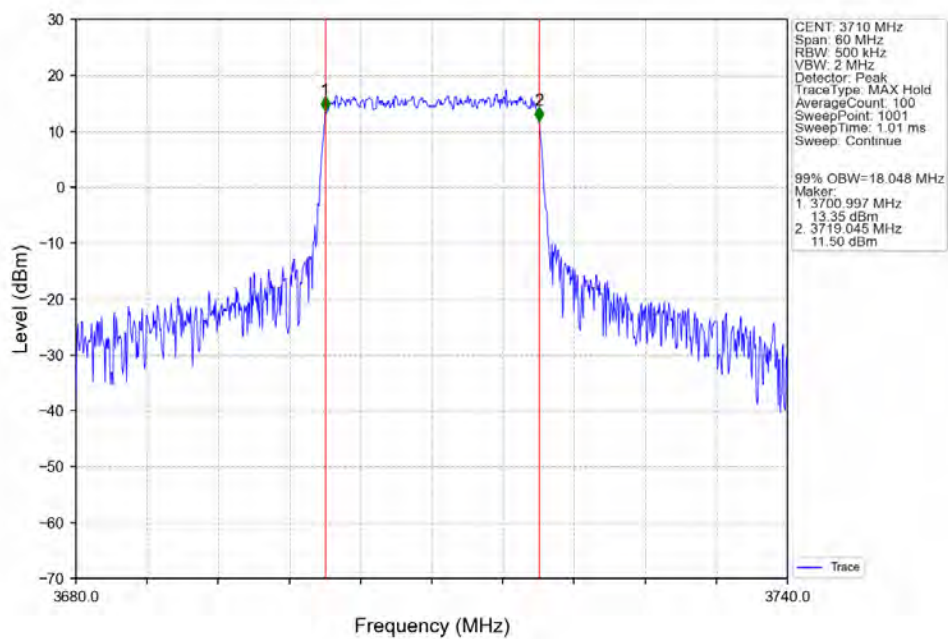
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



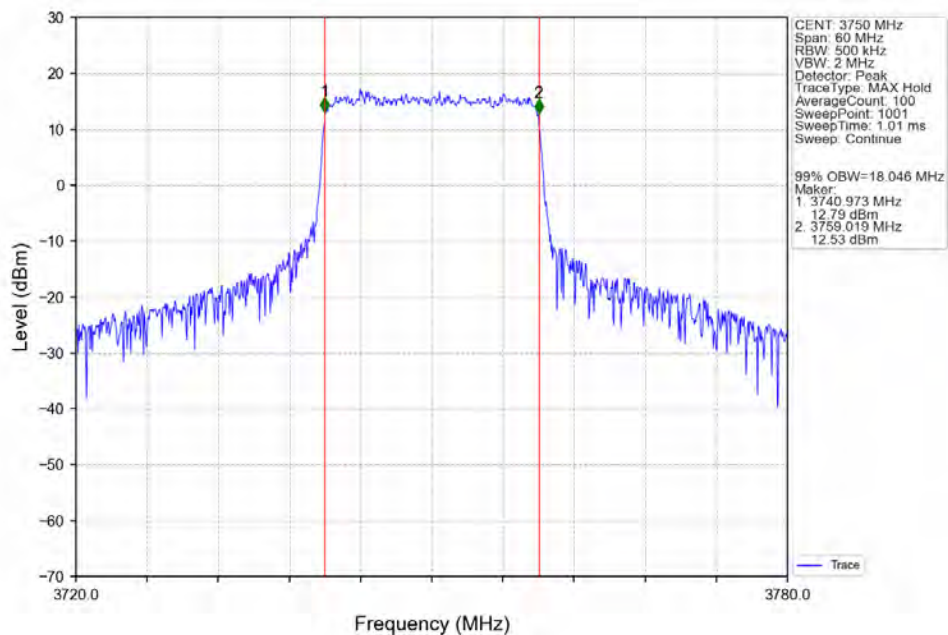
Band43d_20MHz_QPSK_HCH_3790MHz_RB_100_0_NTNV



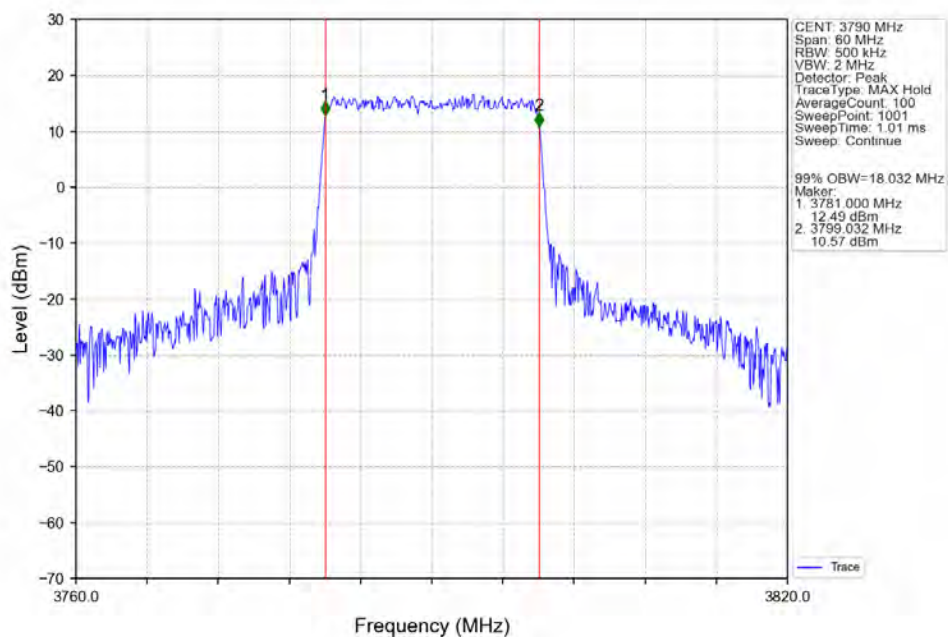
Band43d_20MHz_16QAM_LCH_3710MHz_RB_100_0_NTNV



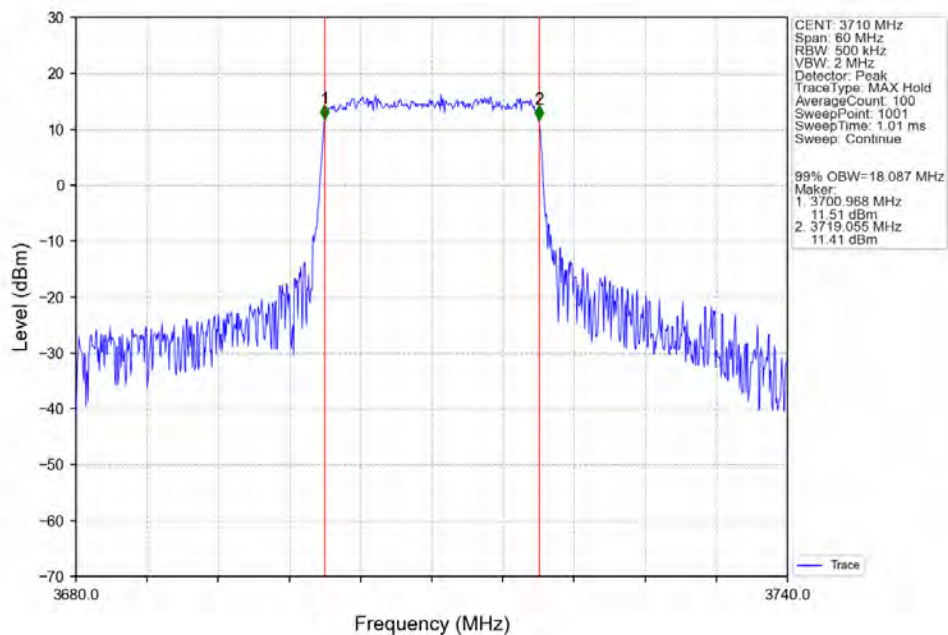
Band43d 20MHz 16QAM MCH 3750MHz RB 100 0 NTN



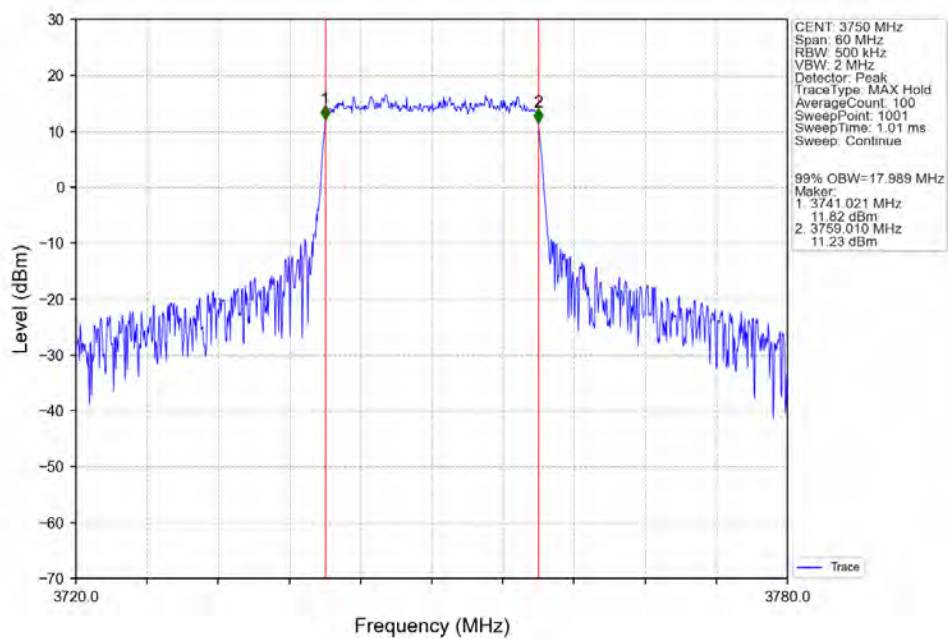
Band43d 20MHz 16QAM HCH 3790MHz RB 100 0 NTN



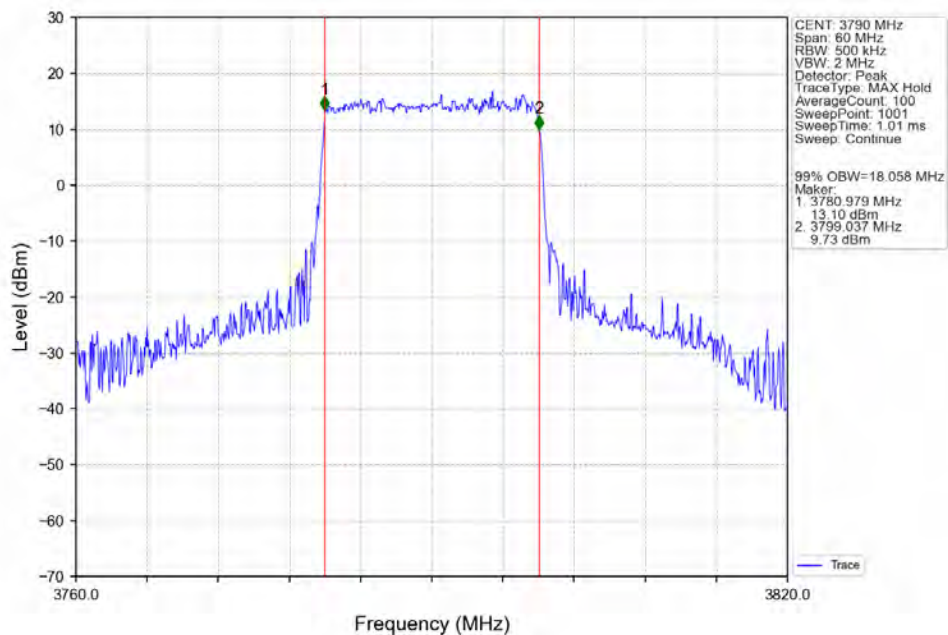
Band43d_20MHz_64QAM_LCH_3710MHz_RB_100_0_NTNV



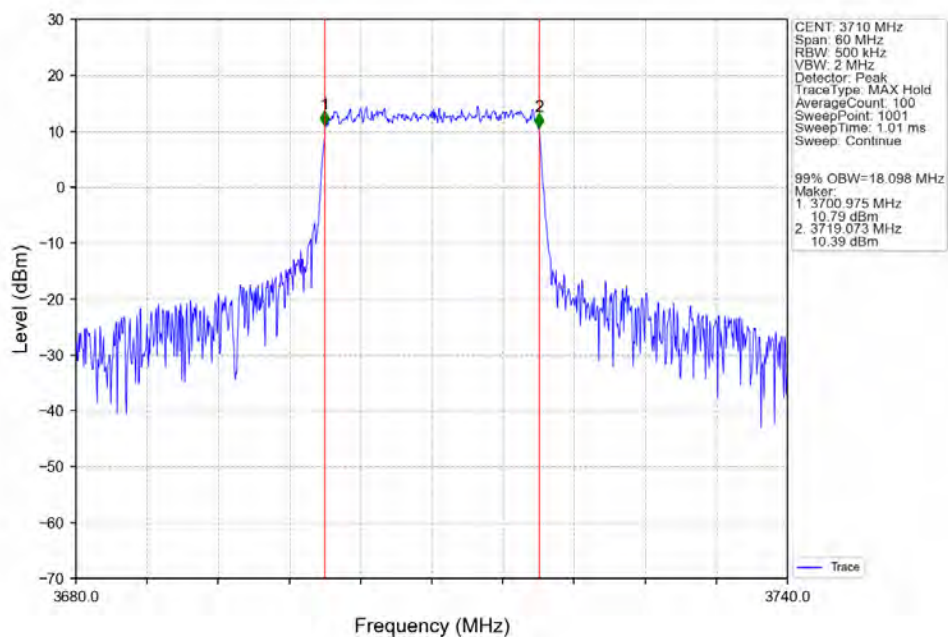
Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



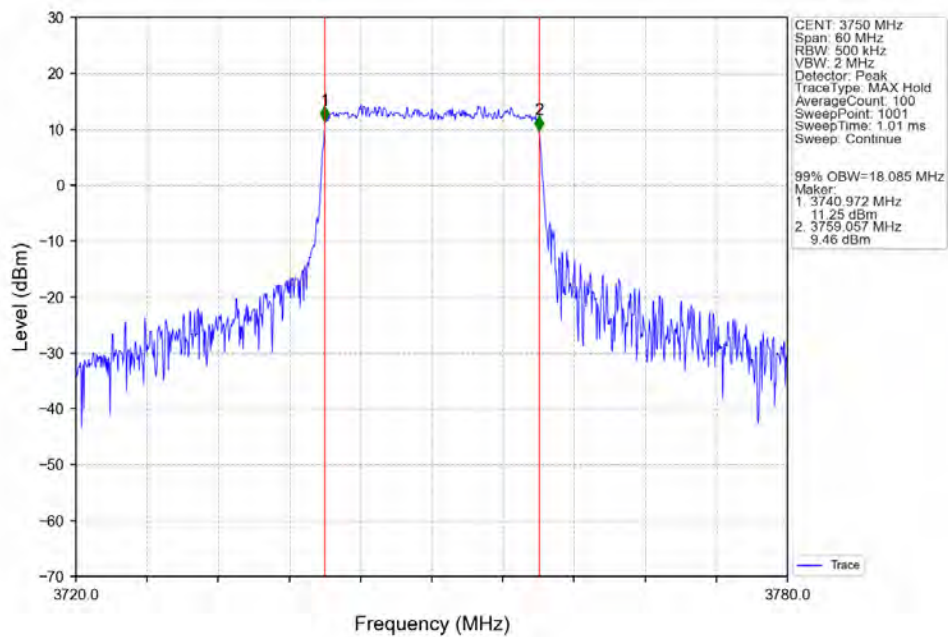
Band43d 20MHz 64QAM HCH 3790MHz RB 100 0 NTNv



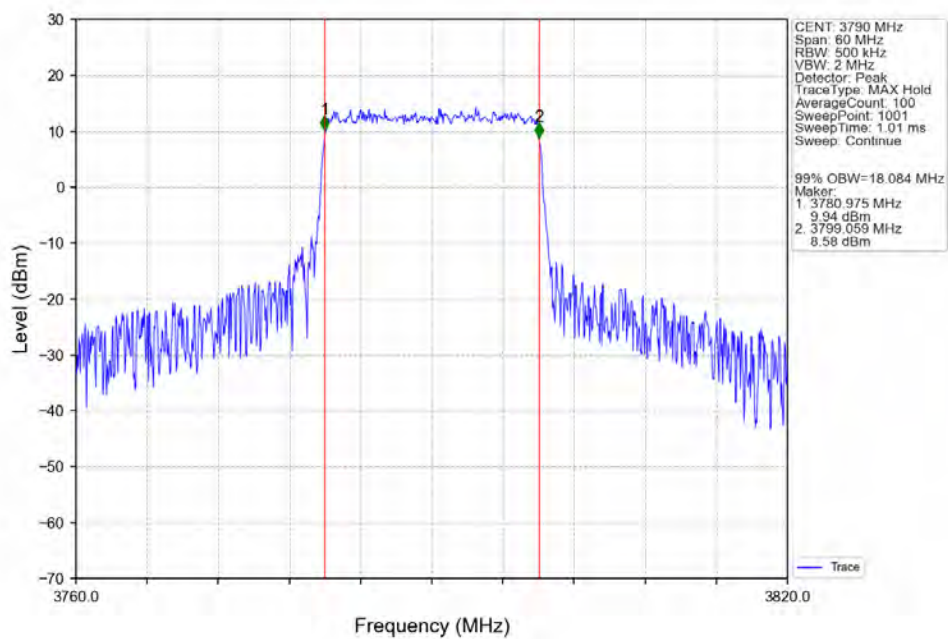
Band43d 20MHz 256QAM LCH 3710MHz RB 100 0 NTNv



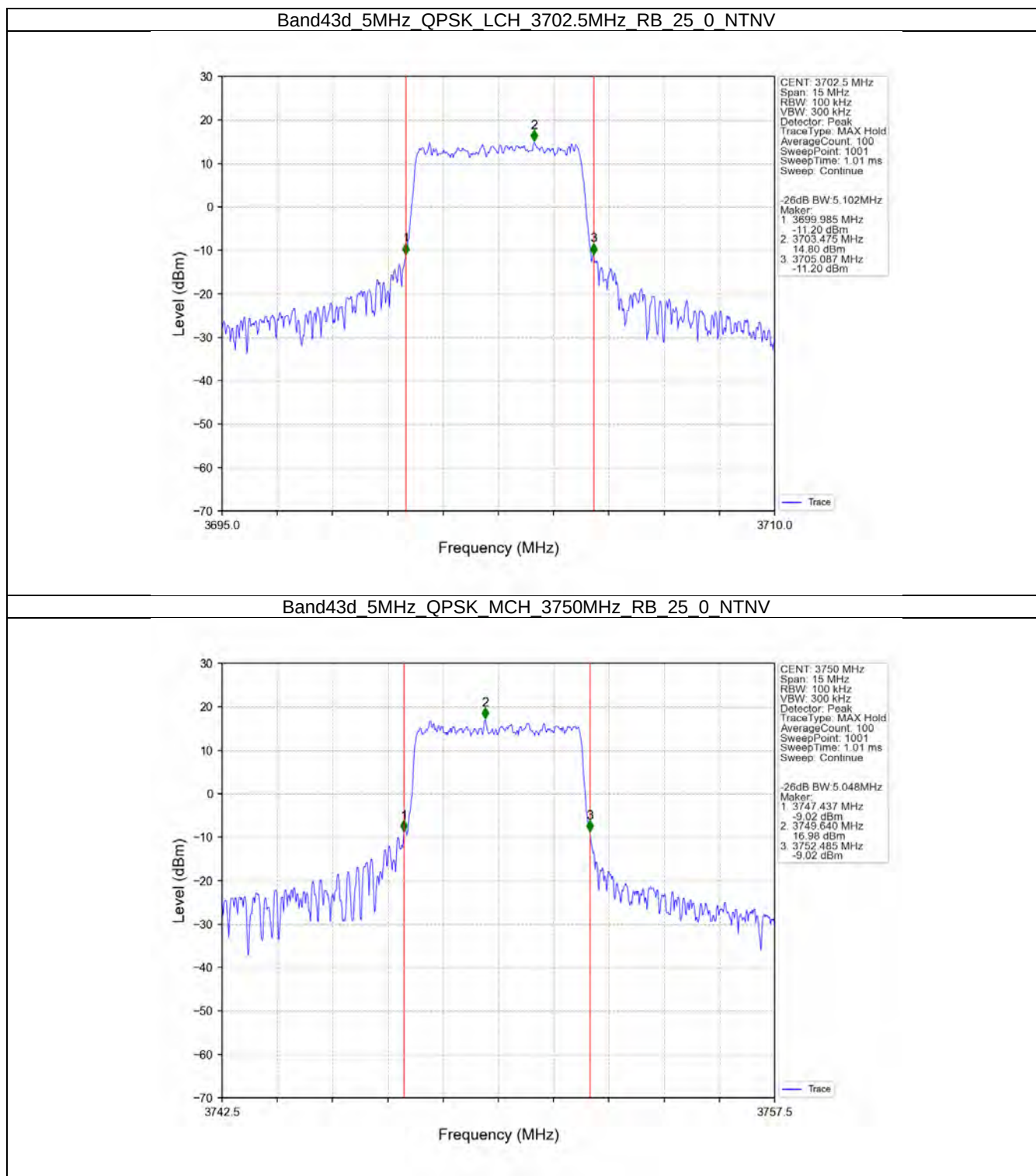
Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV



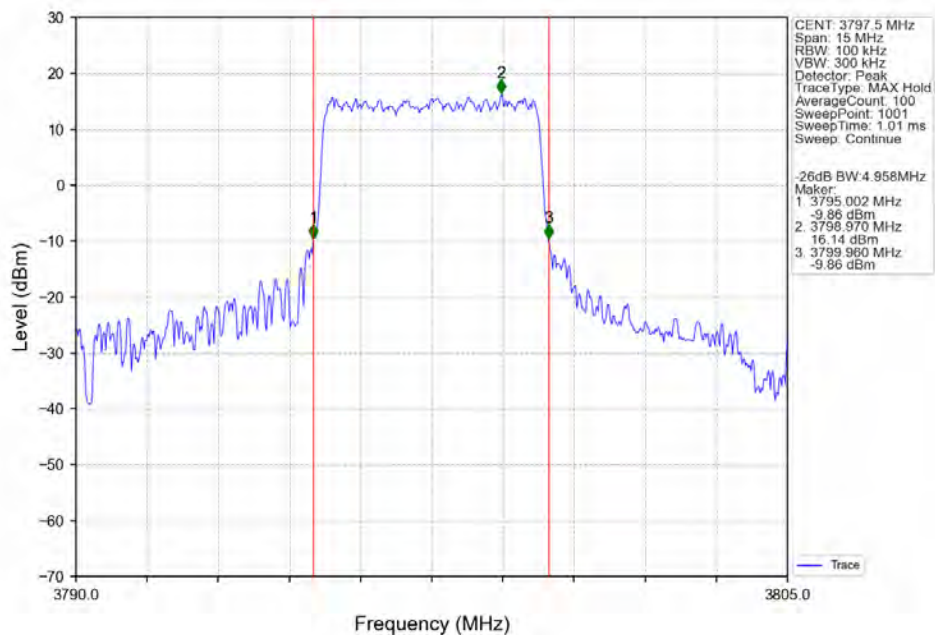
Band43d_20MHz_256QAM_HCH_3790MHz_RB_100_0_NTNV



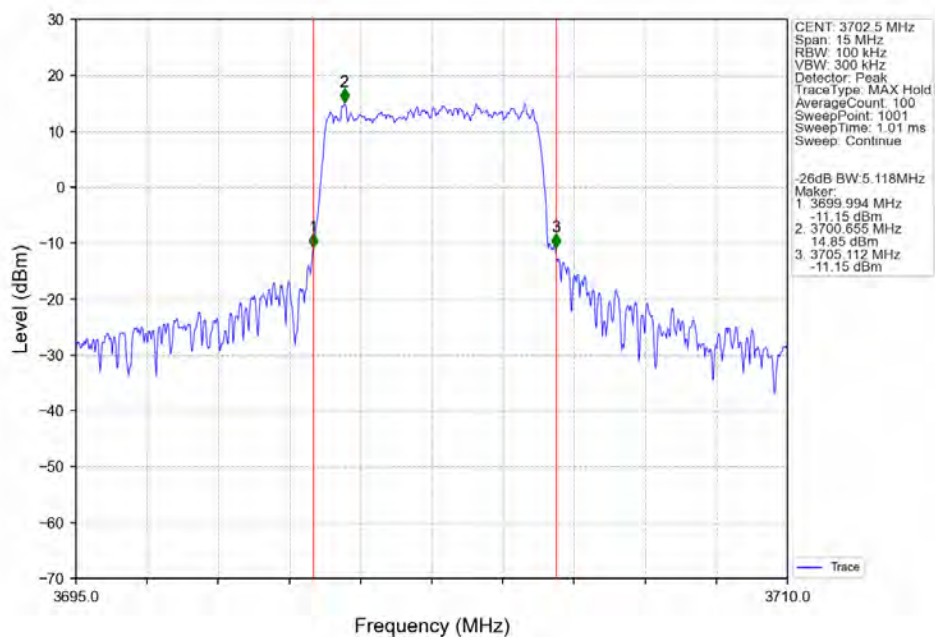
3.2.2 Band43d_XDB



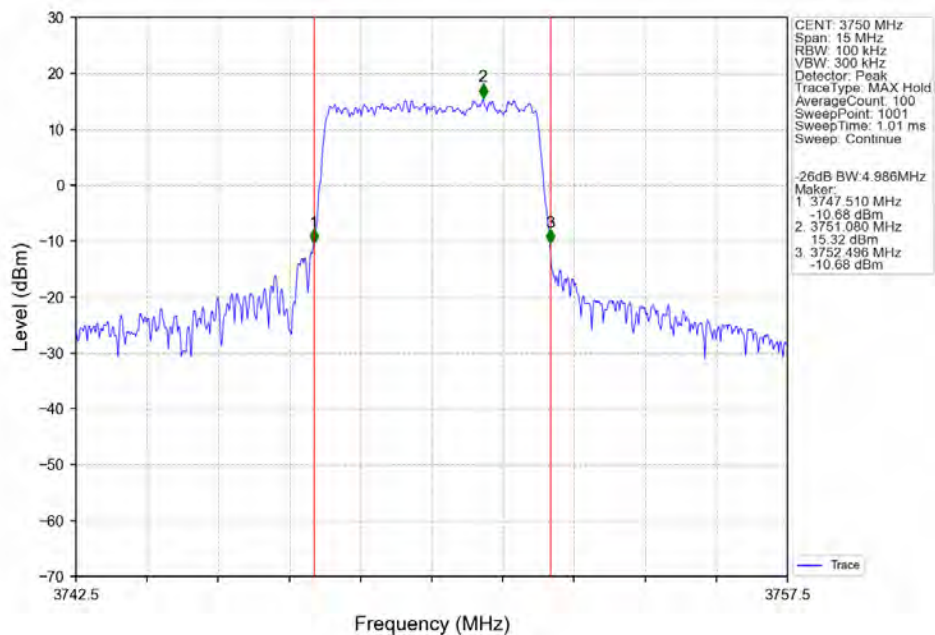
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



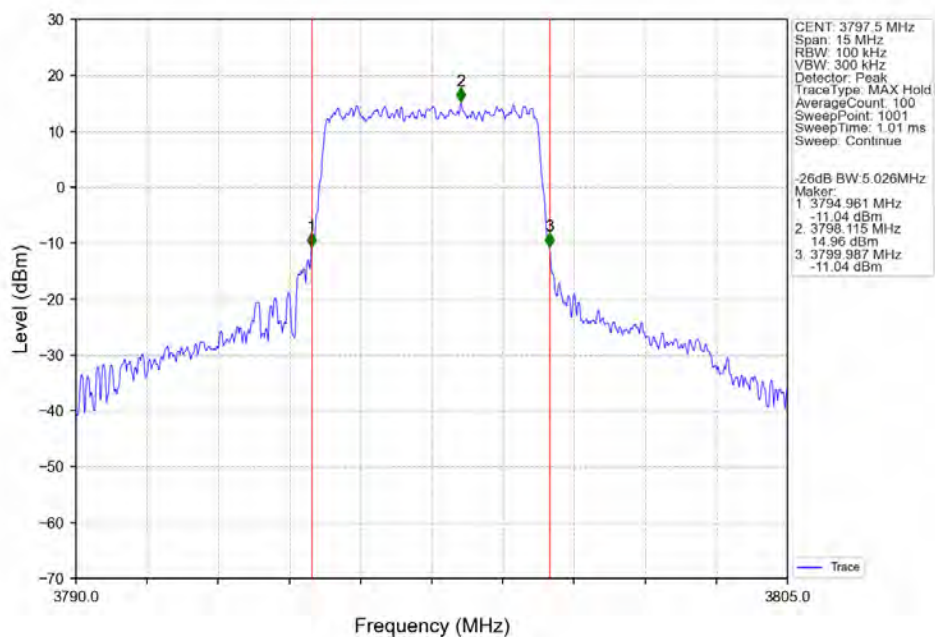
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



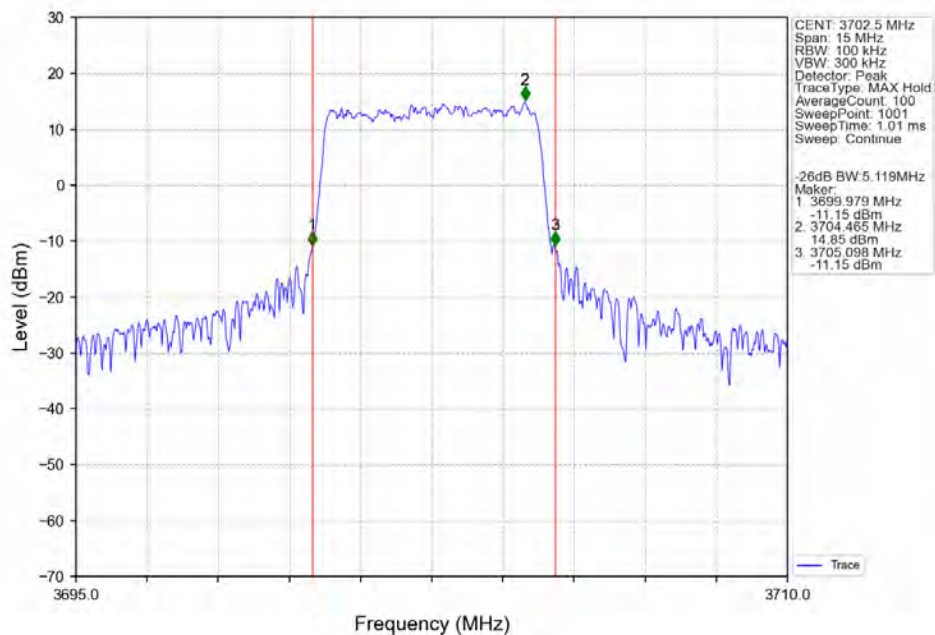
Band43d_5MHz_16QAM_MCH_3750MHz_RB_25_0_NTNV



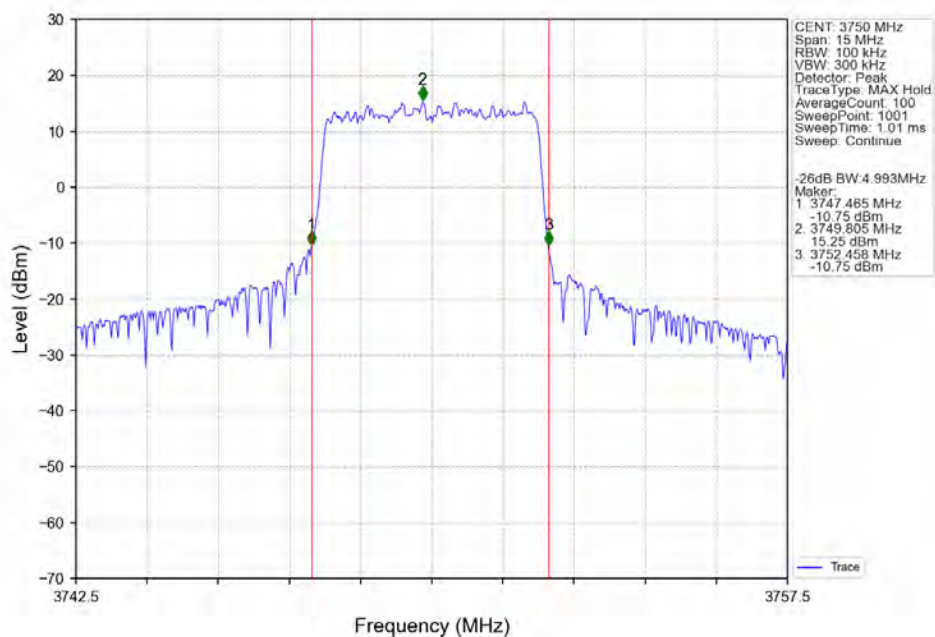
Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



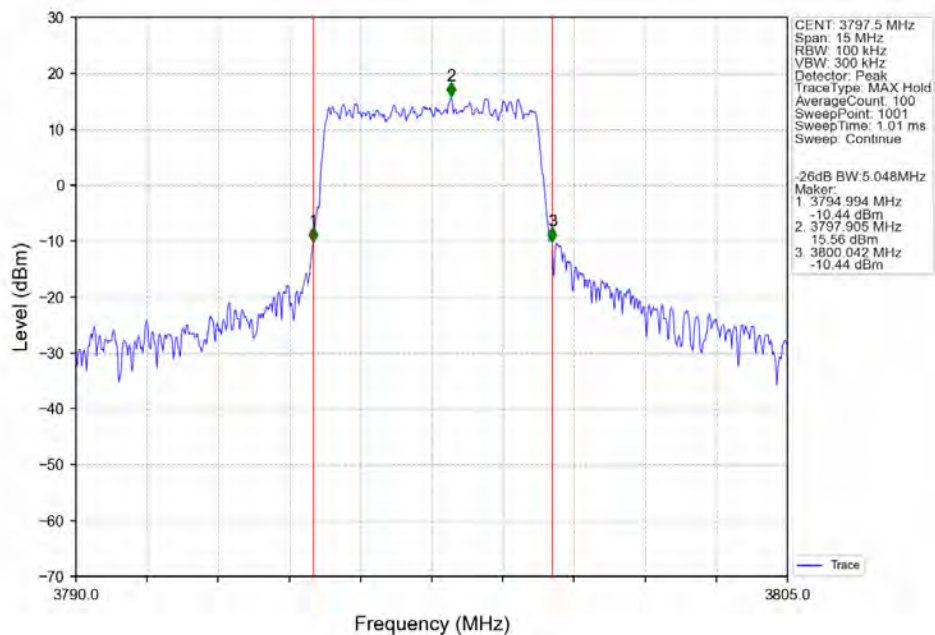
Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV



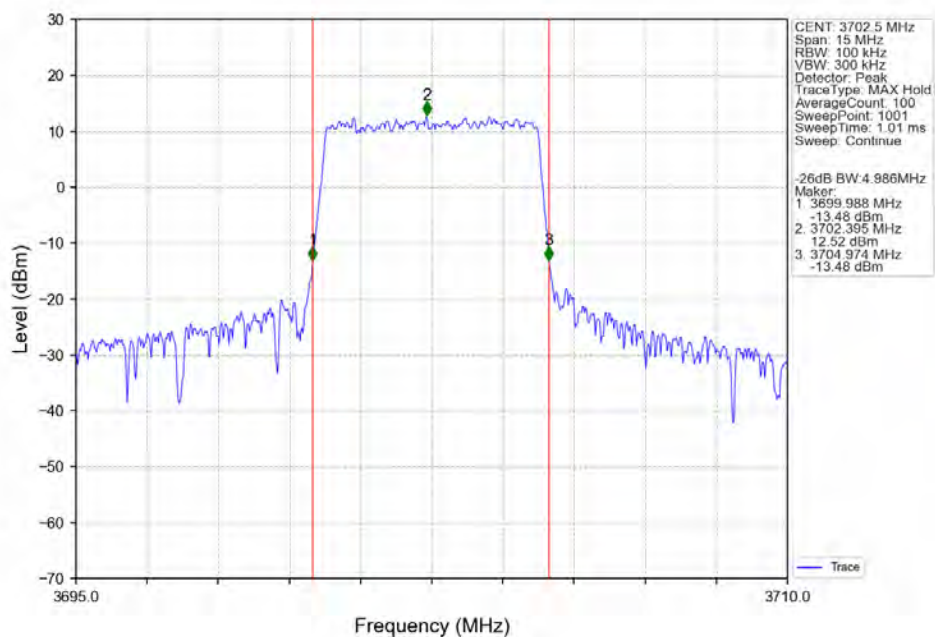
Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



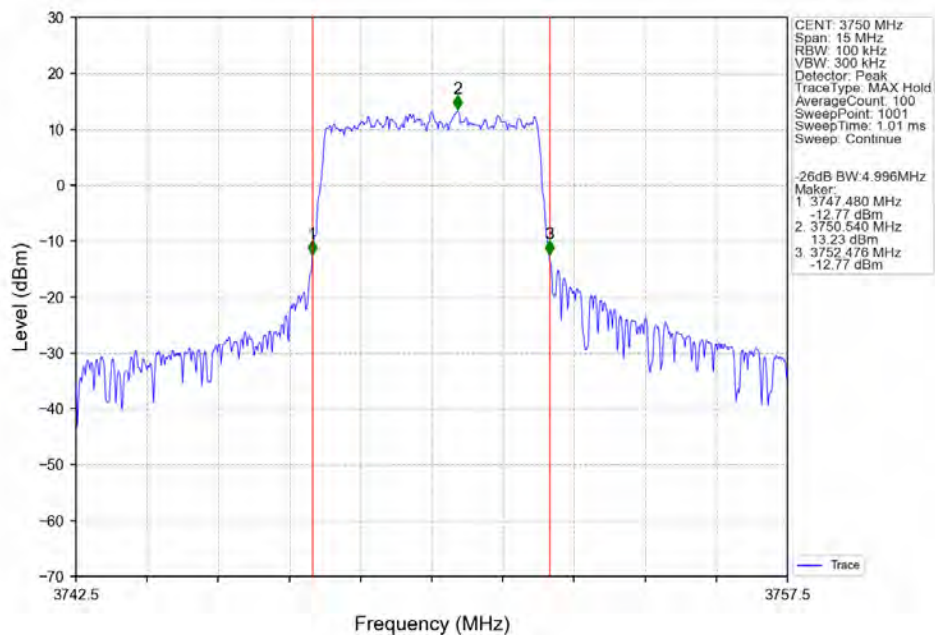
Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



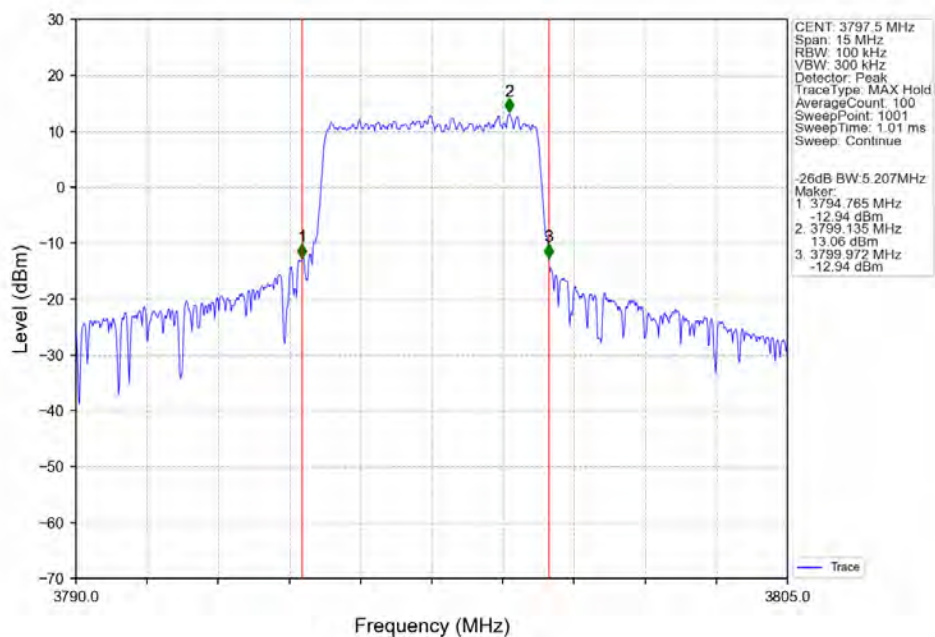
Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



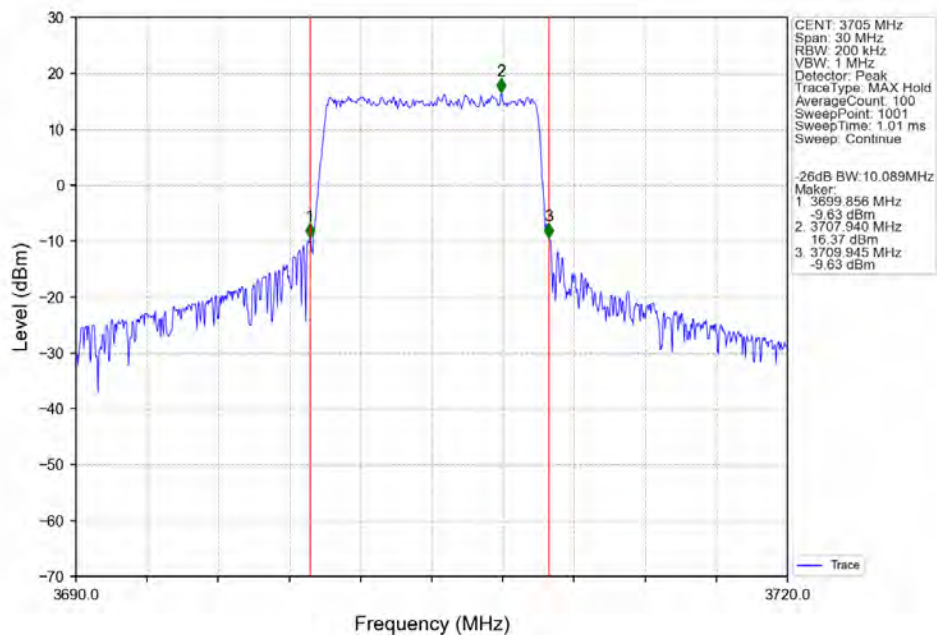
Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



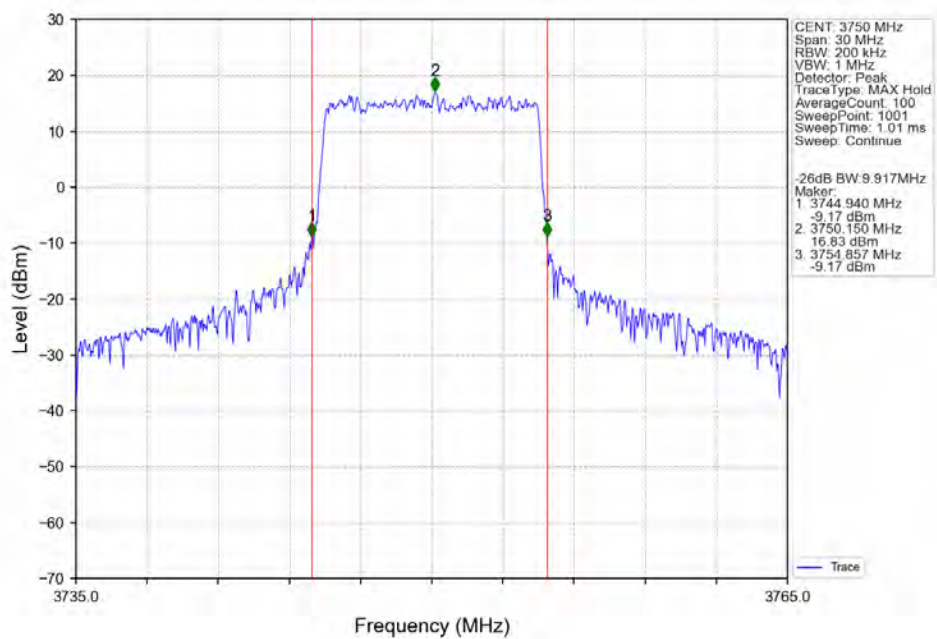
Band43d_5MHz_256QAM_HCH_3797.5MHz_RB_25_0_NTNV



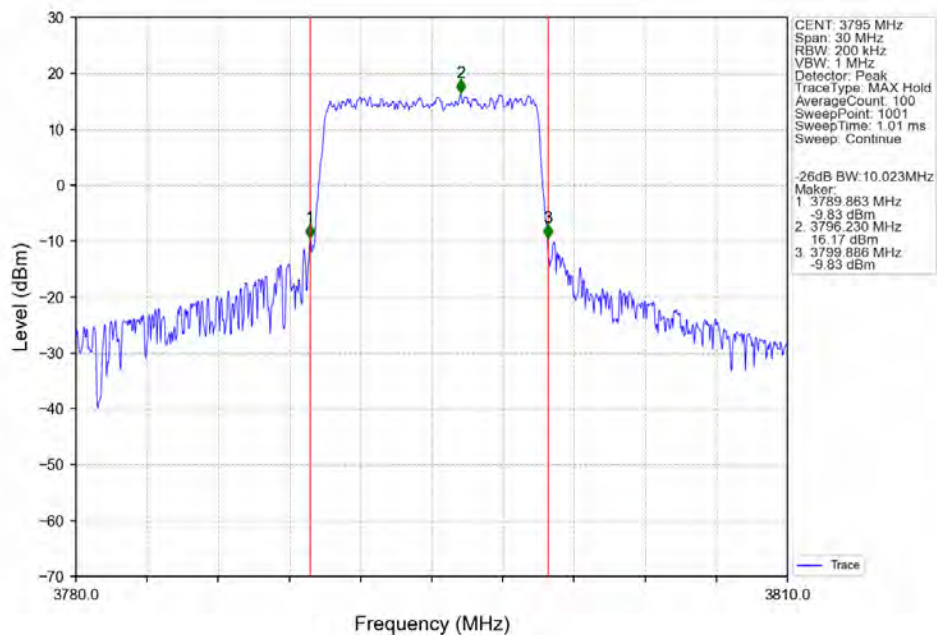
Band43d 10MHz QPSK LCH 3705MHz RB 50 0 NTNV



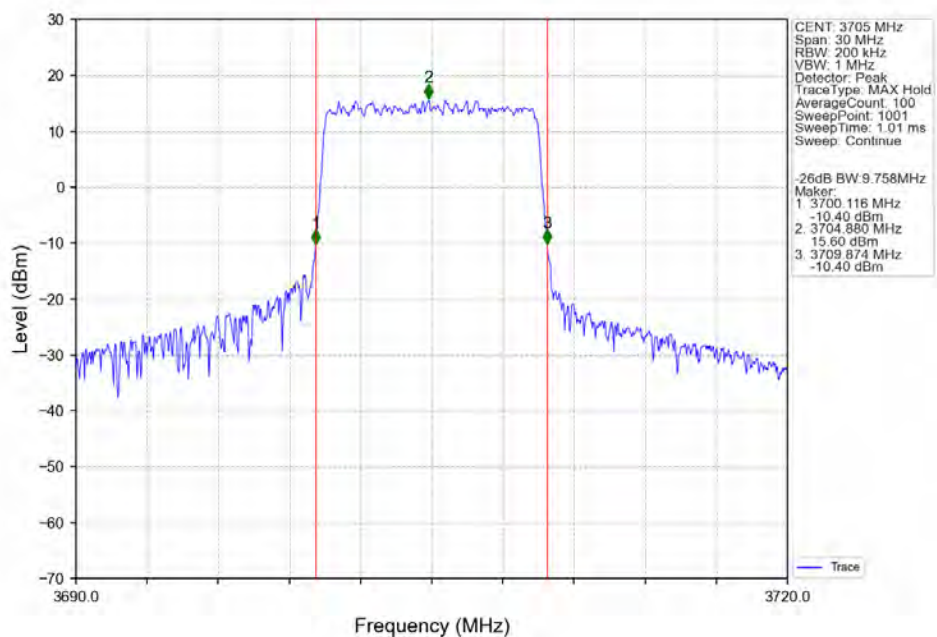
Band43d 10MHz QPSK MCH 3750MHz RB 50 0 NTNV



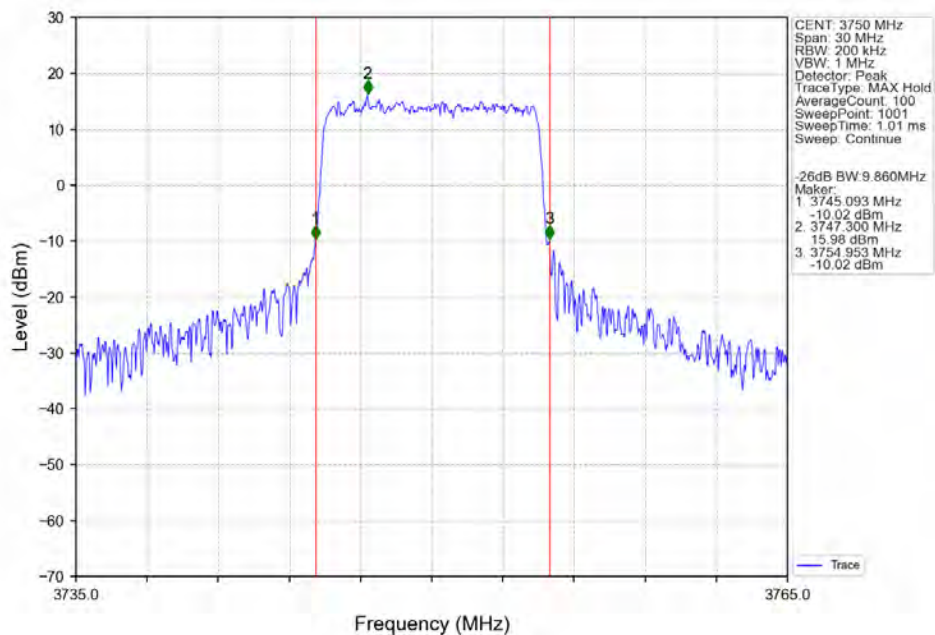
Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



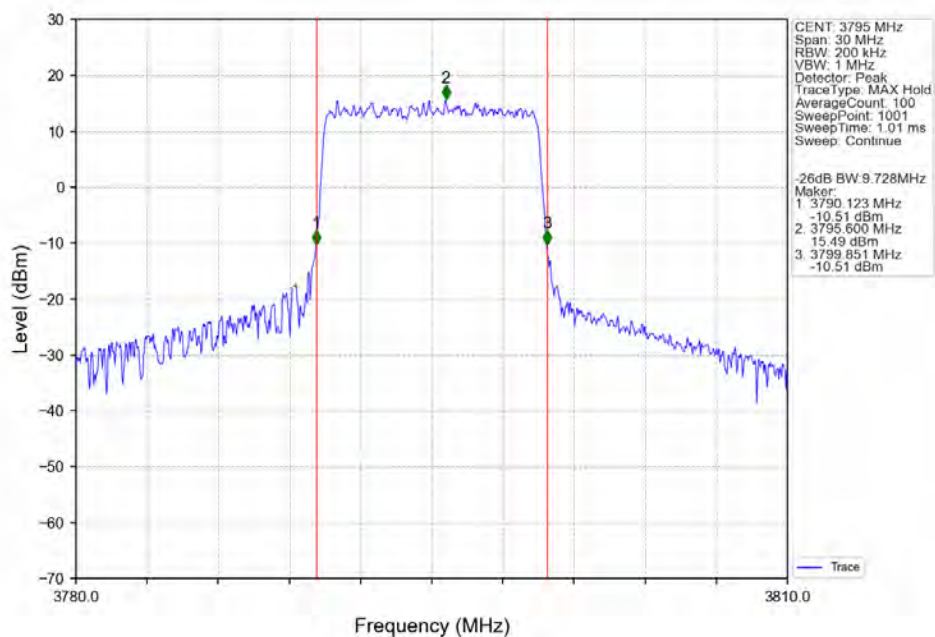
Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



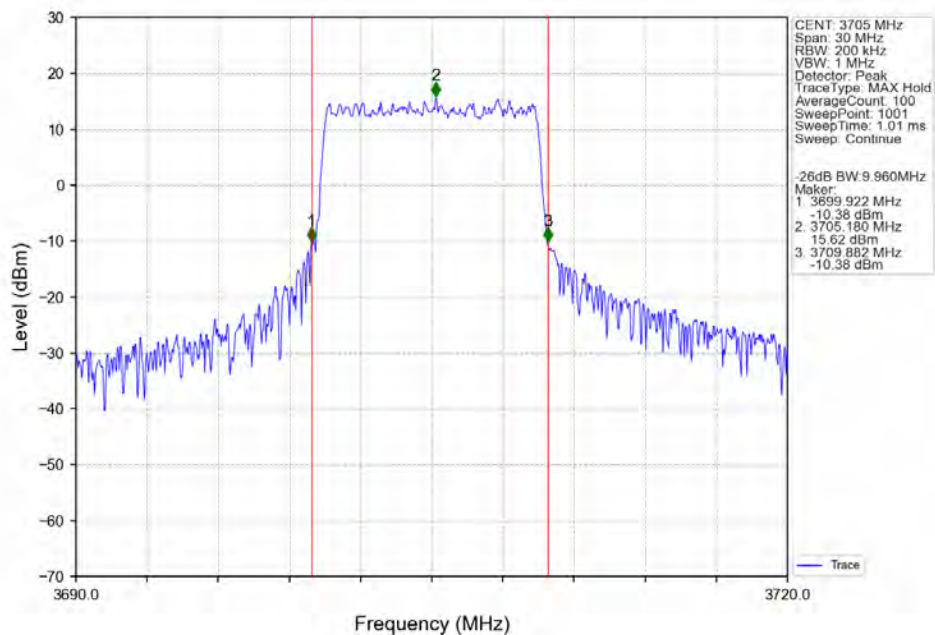
Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



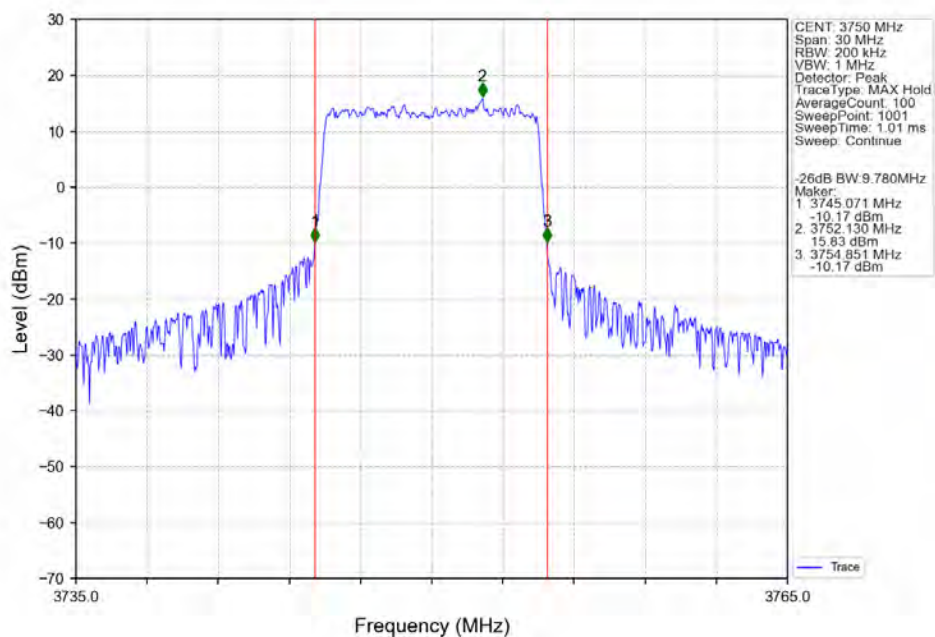
Band43d_10MHz_16QAM_HCH_3795MHz_RB_50_0_NTNV



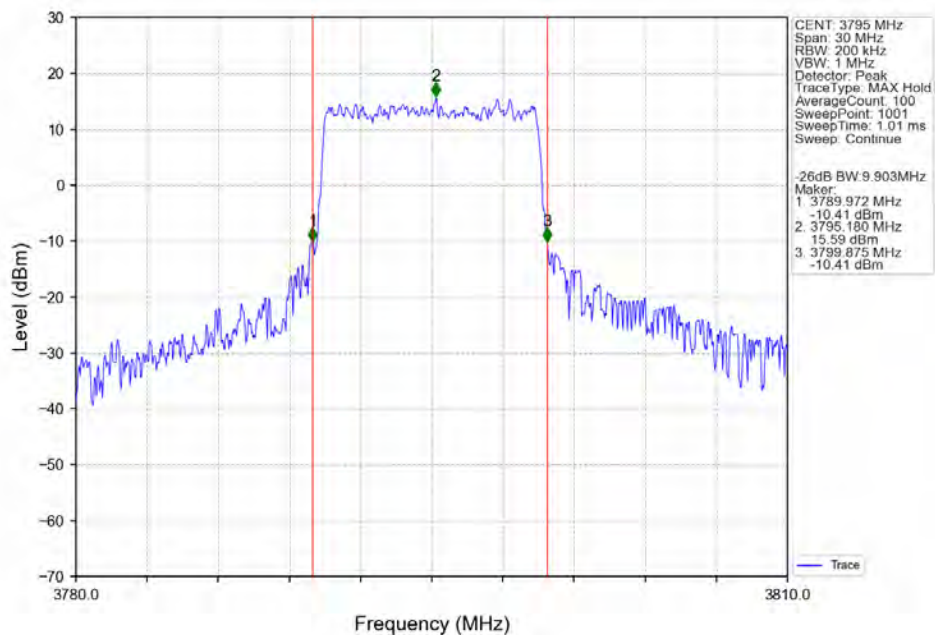
Band43d_10MHz_64QAM_LCH_3705MHz_RB_50_0_NTNV



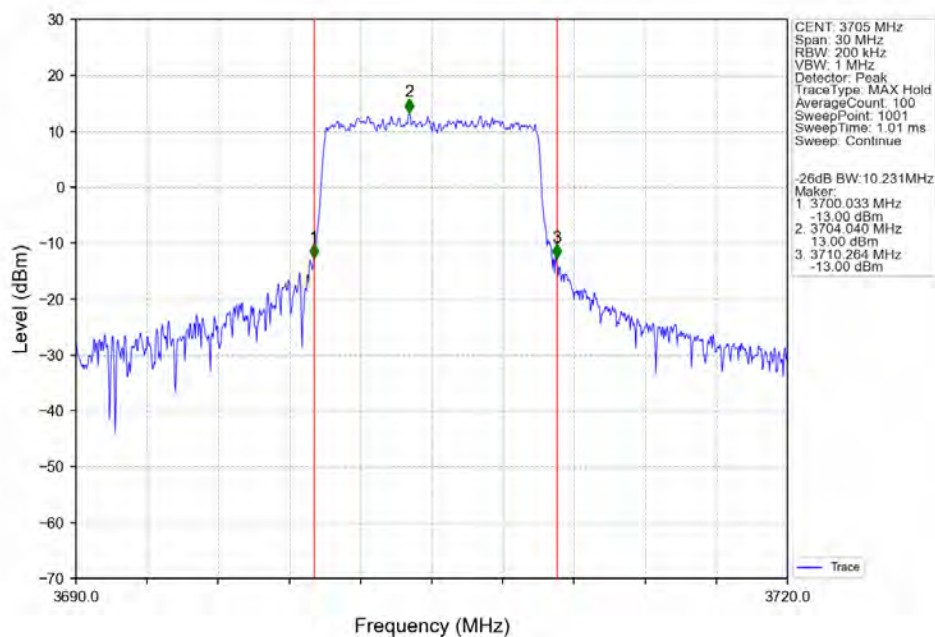
Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



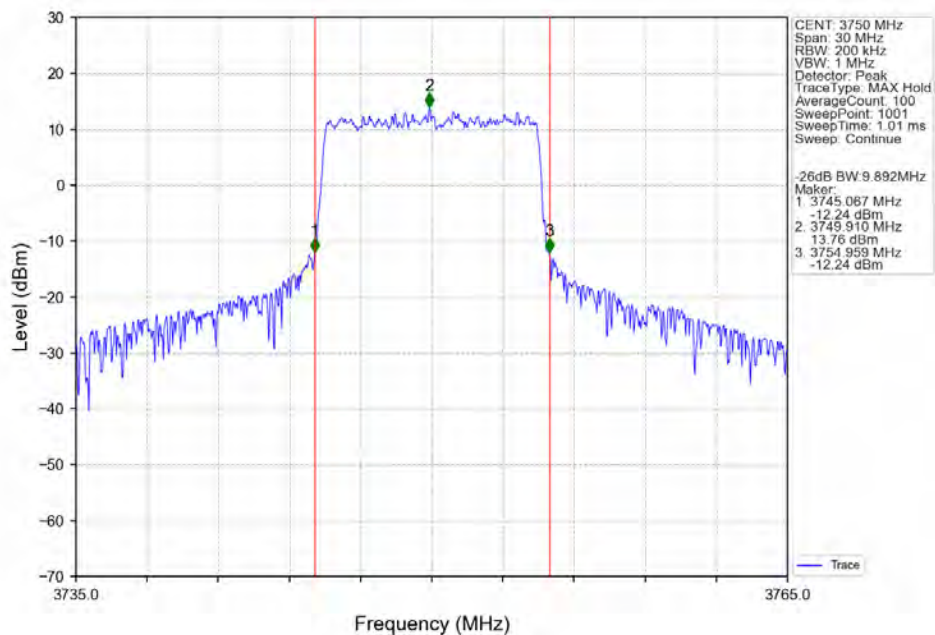
Band43d_10MHz_64QAM_HCH_3795MHz_RB_50_0_NTNV



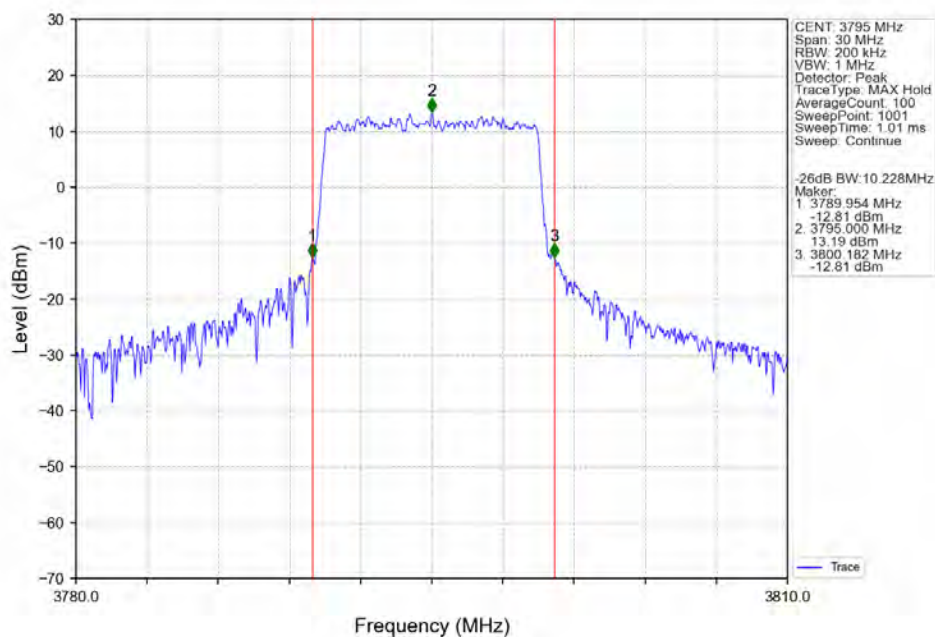
Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



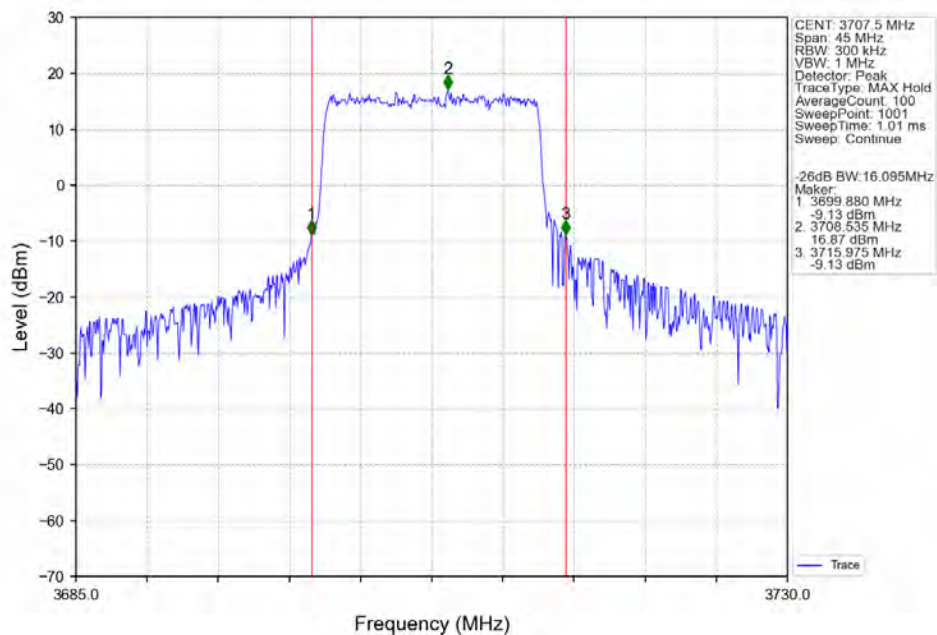
Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV



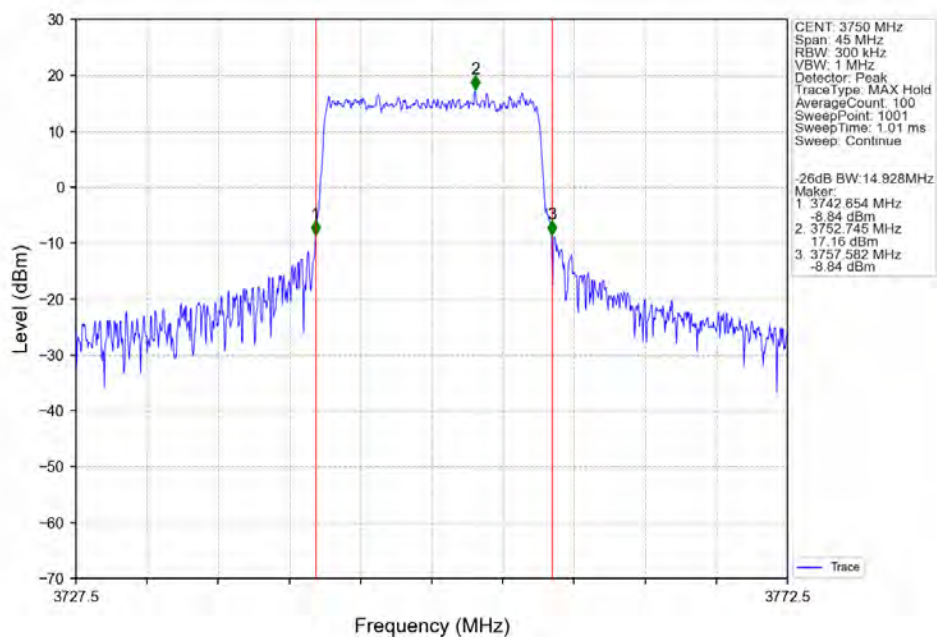
Band43d_10MHz_256QAM_HCH_3795MHz_RB_50_0_NTNV



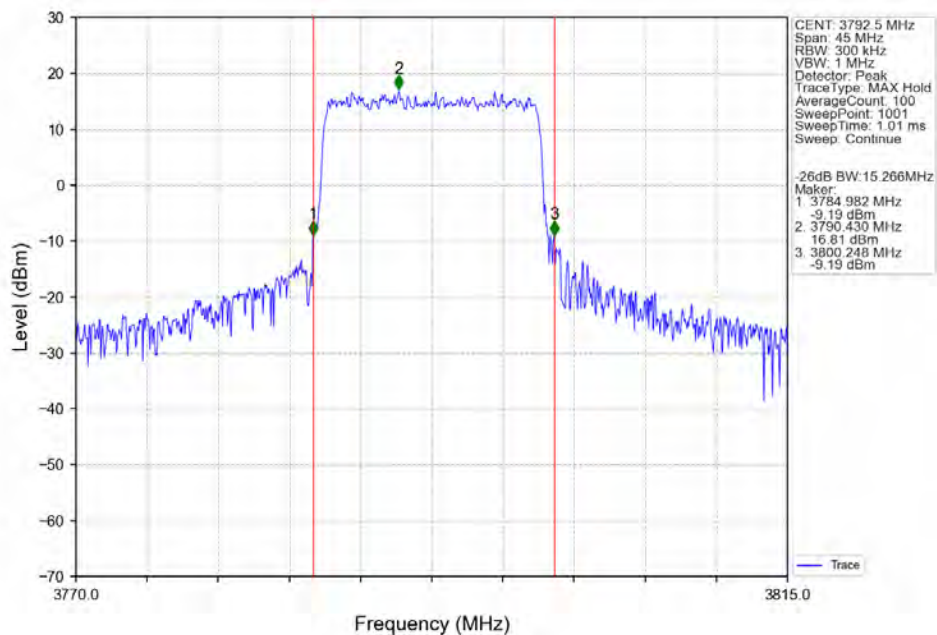
Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_75_0_NTNV



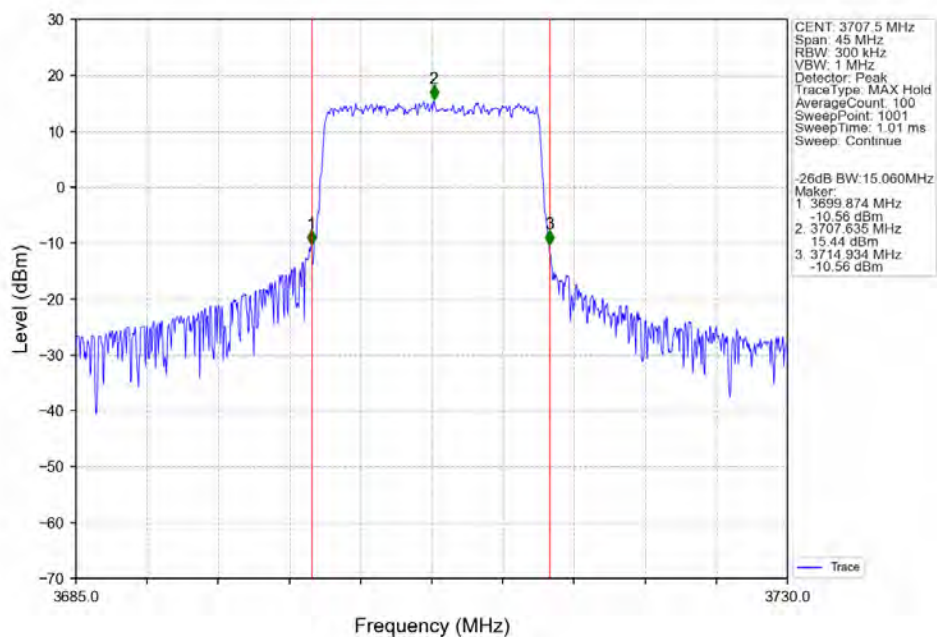
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



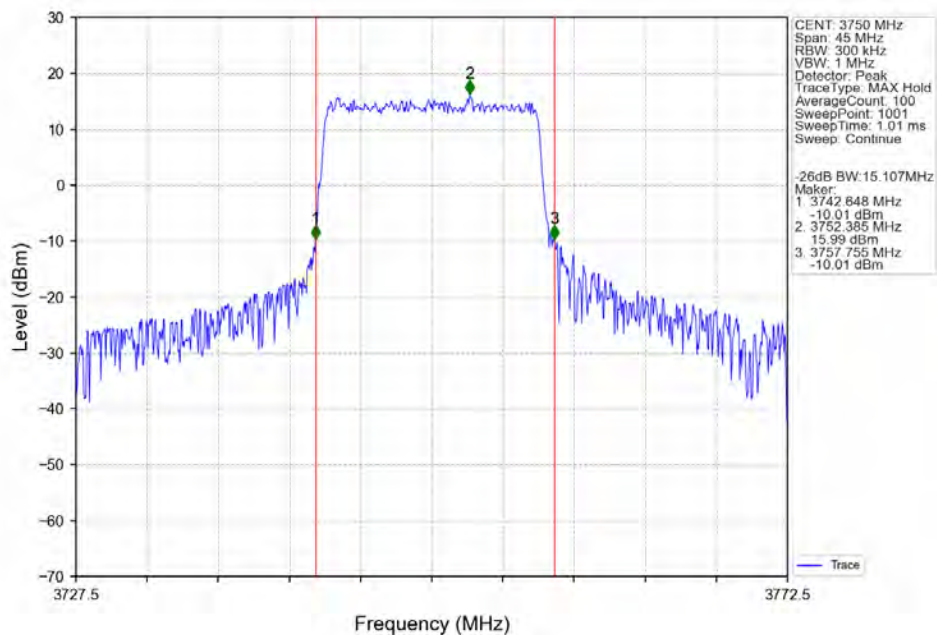
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



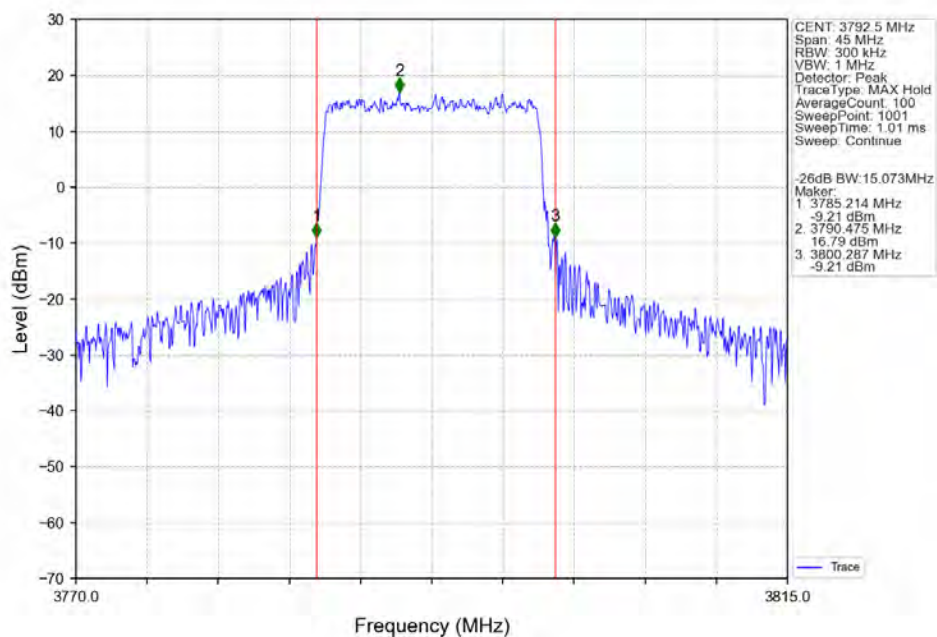
Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



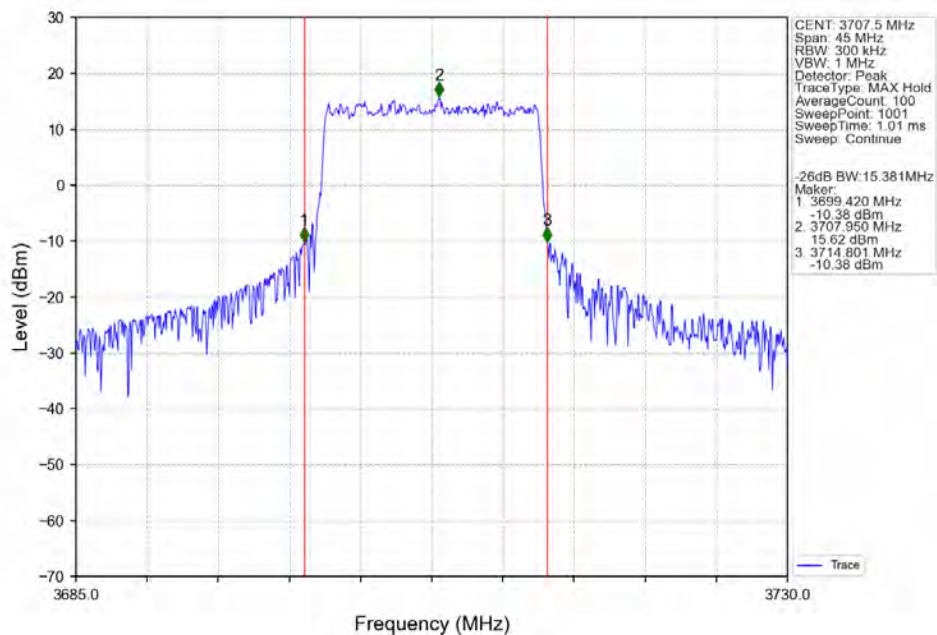
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



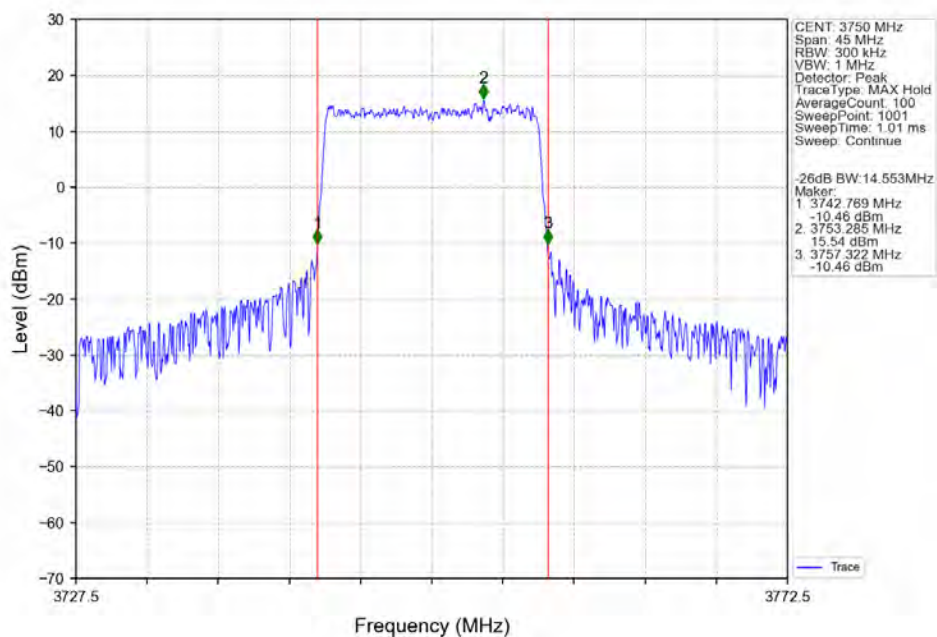
Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



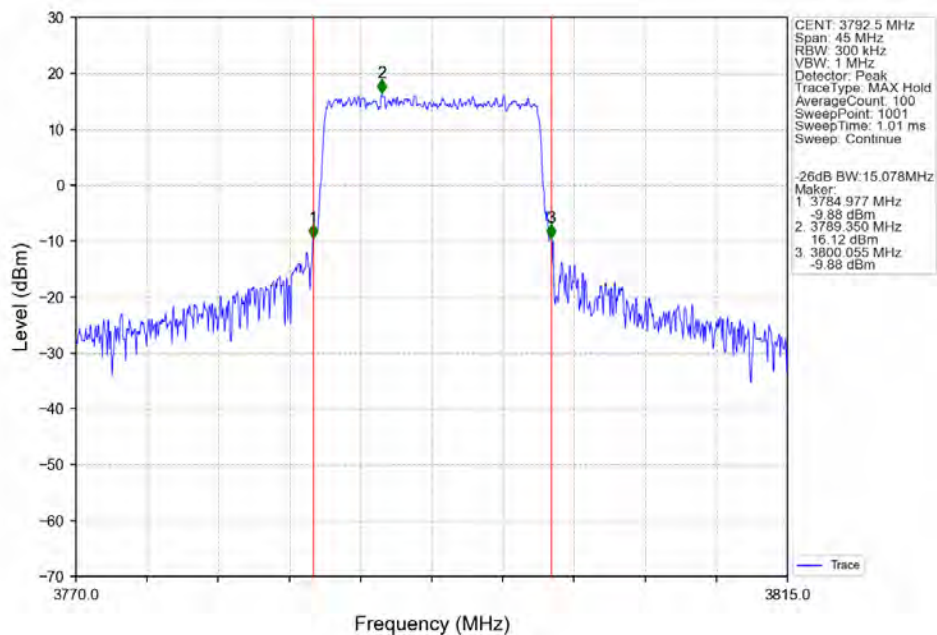
Band43d_15MHz_64QAM_LCH_3707.5MHz_RB_75_0_NTNV



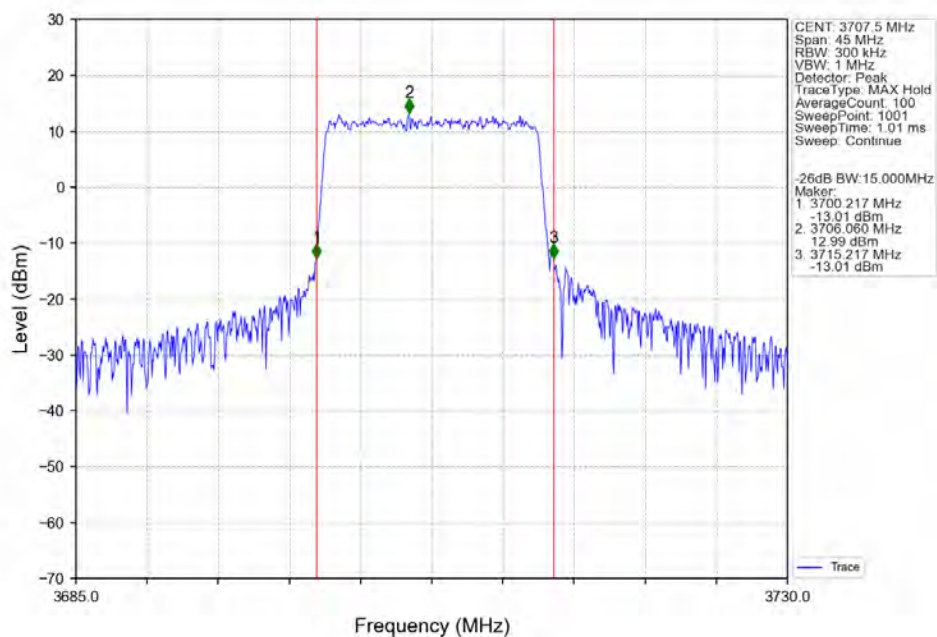
Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



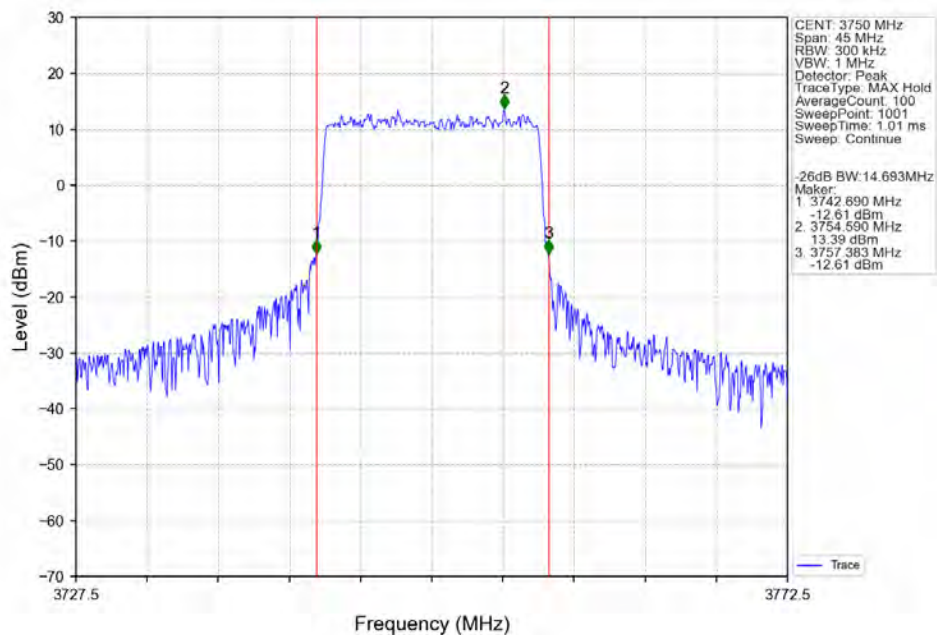
Band43d_15MHz_64QAM_HCH_3792.5MHz_RB_75_0_NTNV



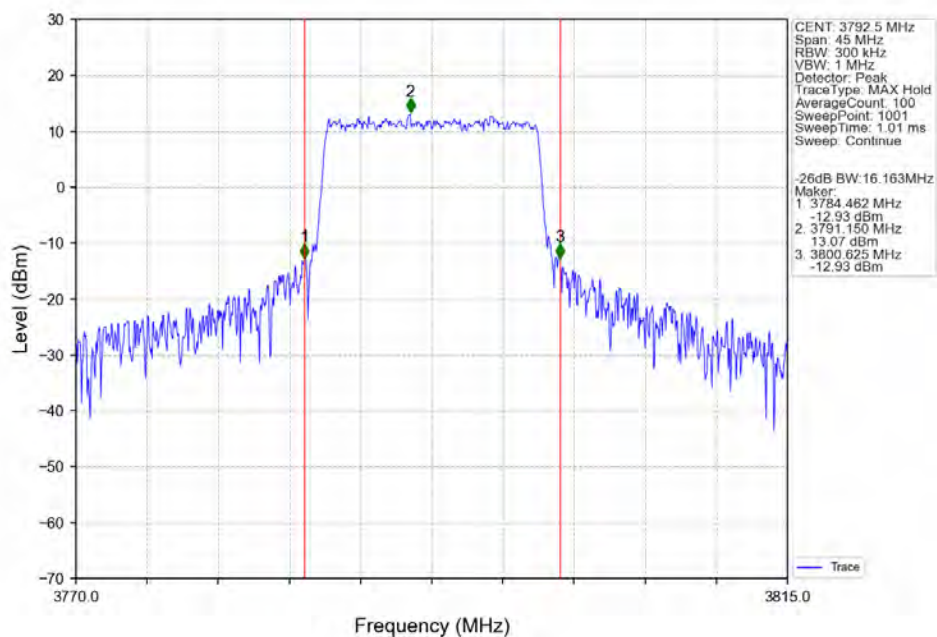
Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



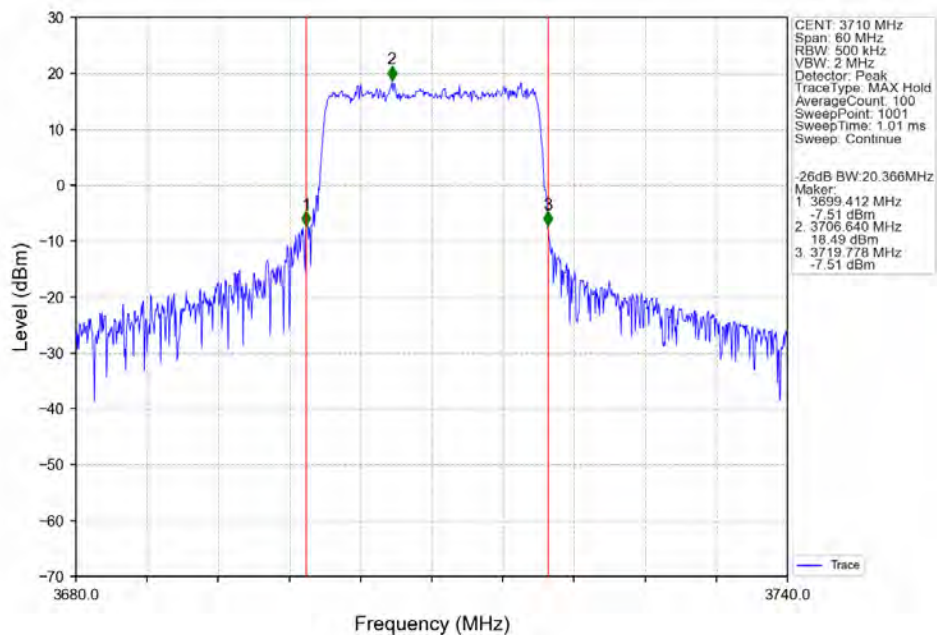
Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV



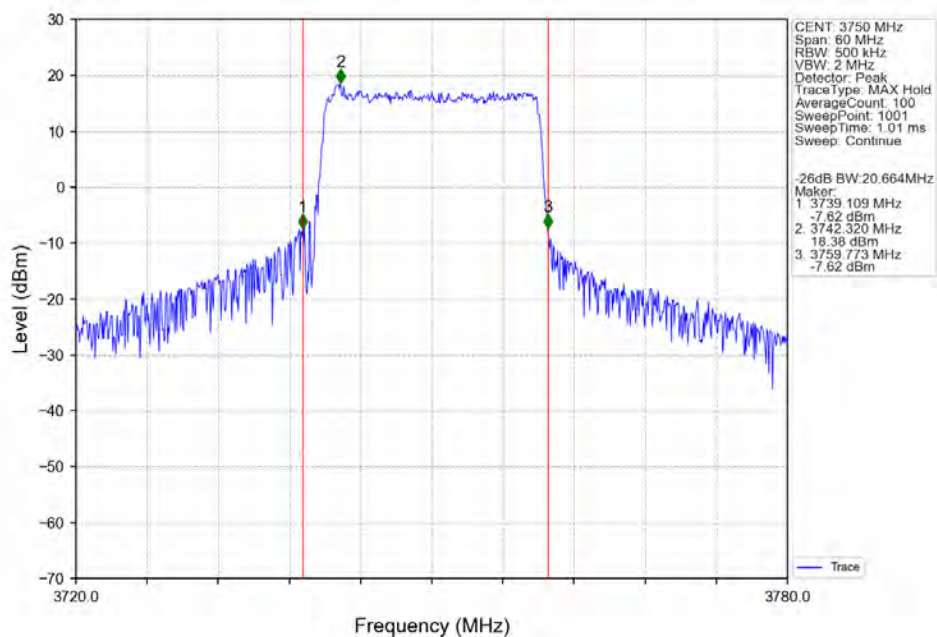
Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV



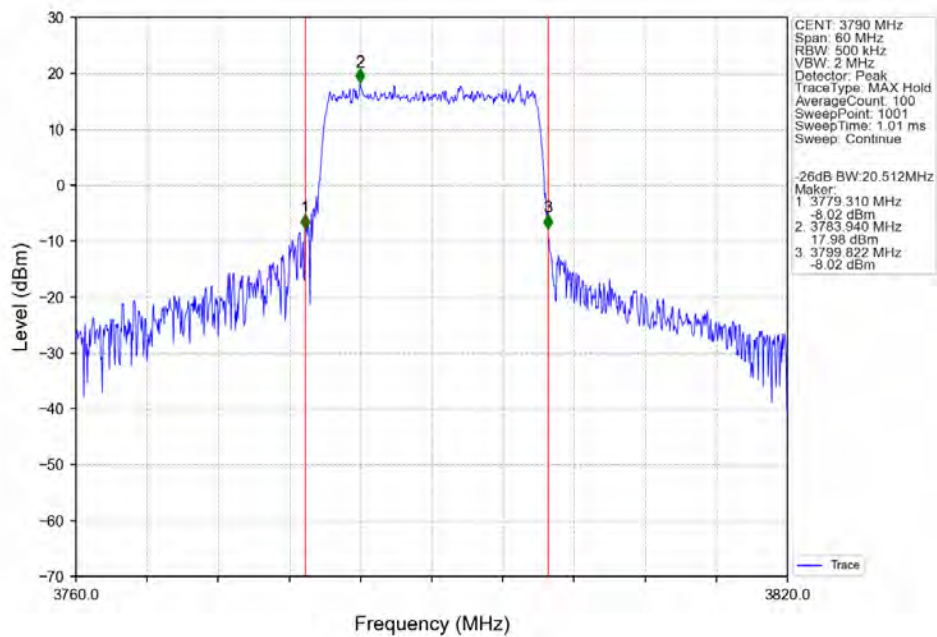
Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



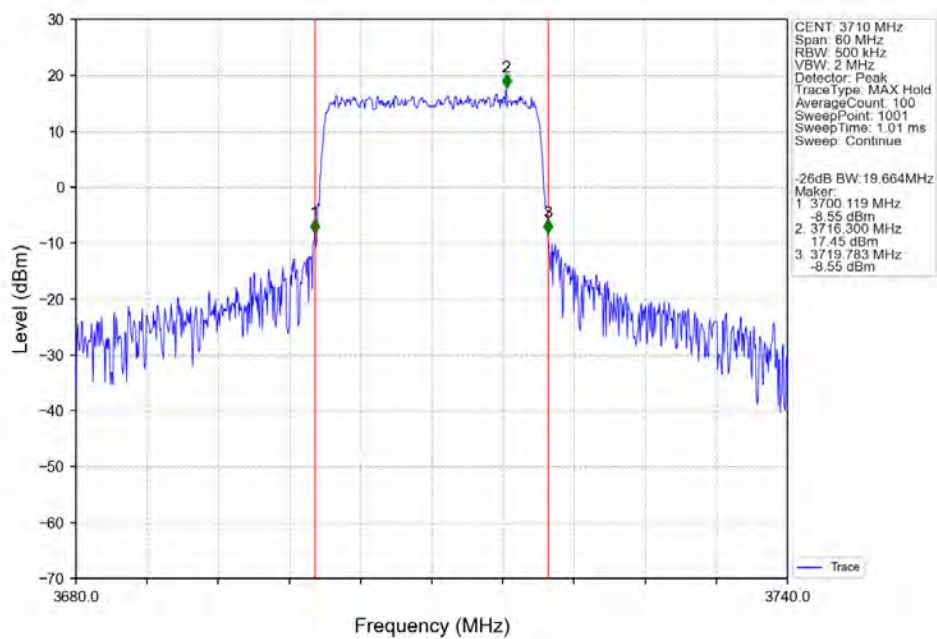
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



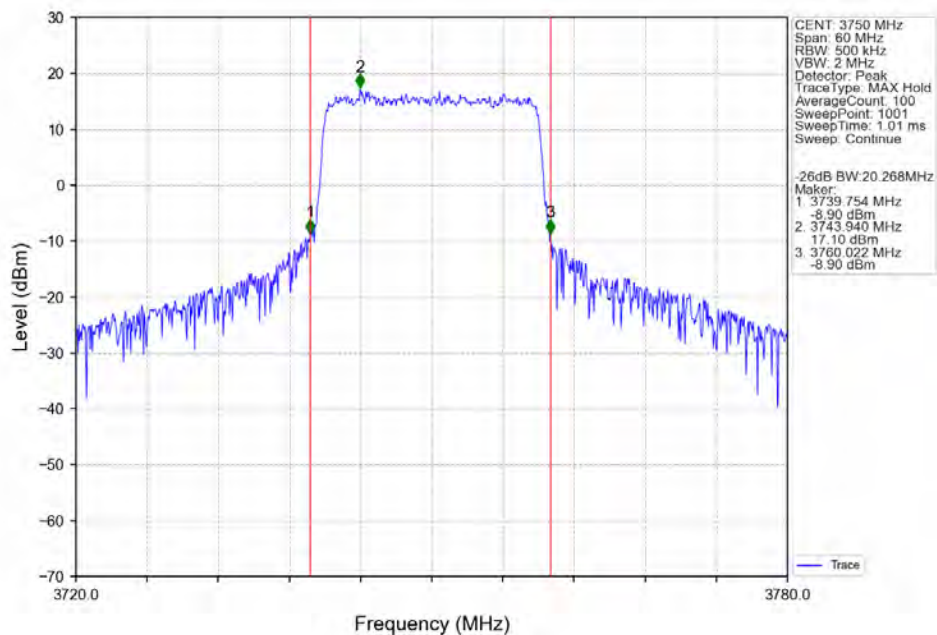
Band43d_20MHz_QPSK_HCH_3790MHz_RB_100_0_NTNV



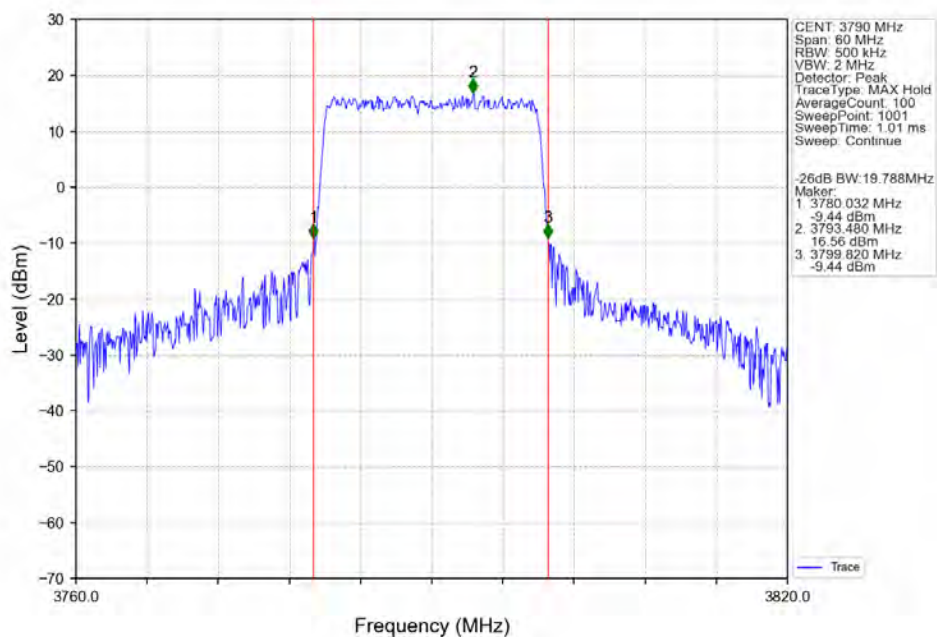
Band43d_20MHz_16QAM_LCH_3710MHz_RB_100_0_NTNV



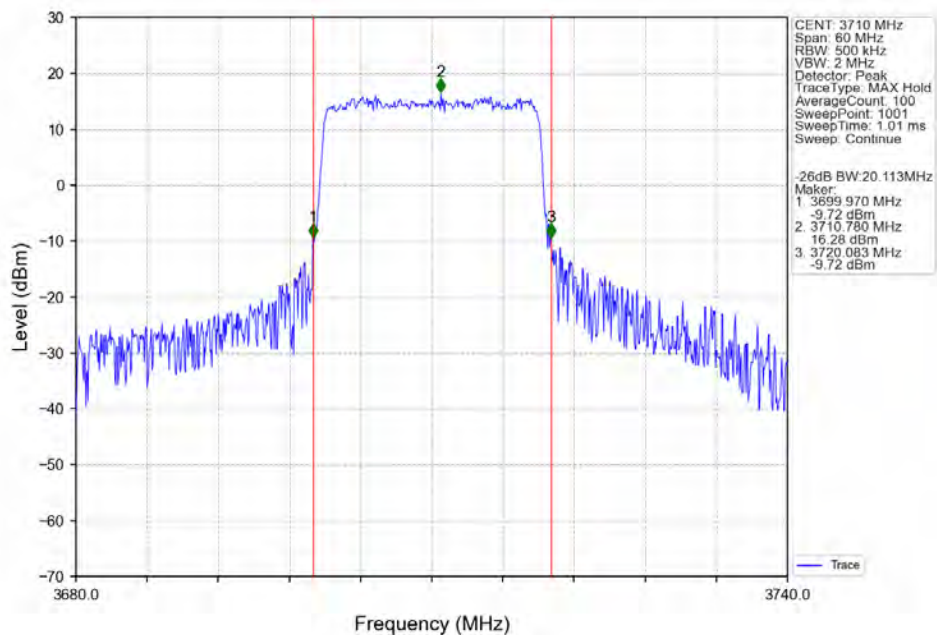
Band43d_20MHz_16QAM_MCH_3750MHz_RB_100_0_NTNV



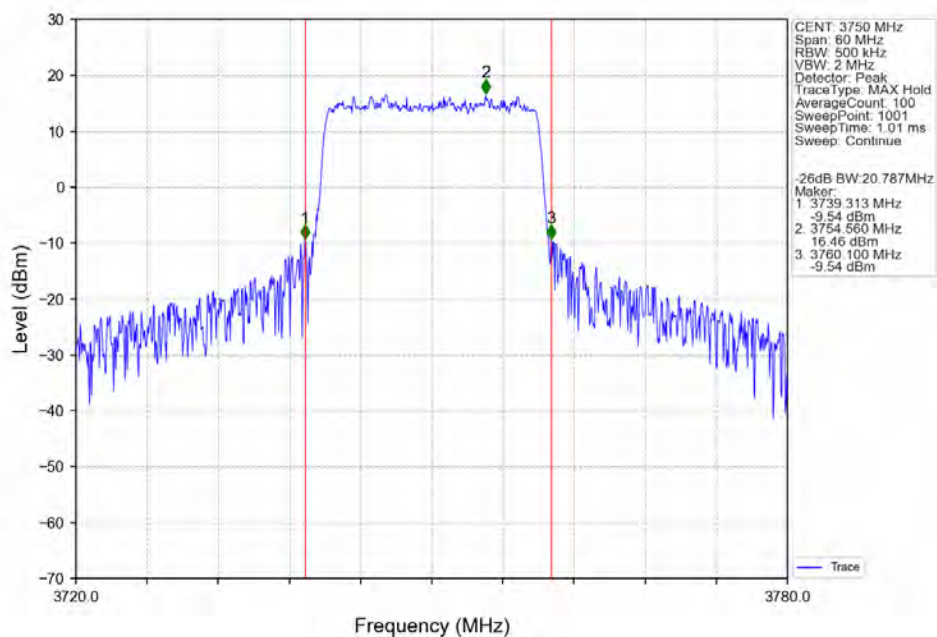
Band43d_20MHz_16QAM_HCH_3790MHz_RB_100_0_NTNV



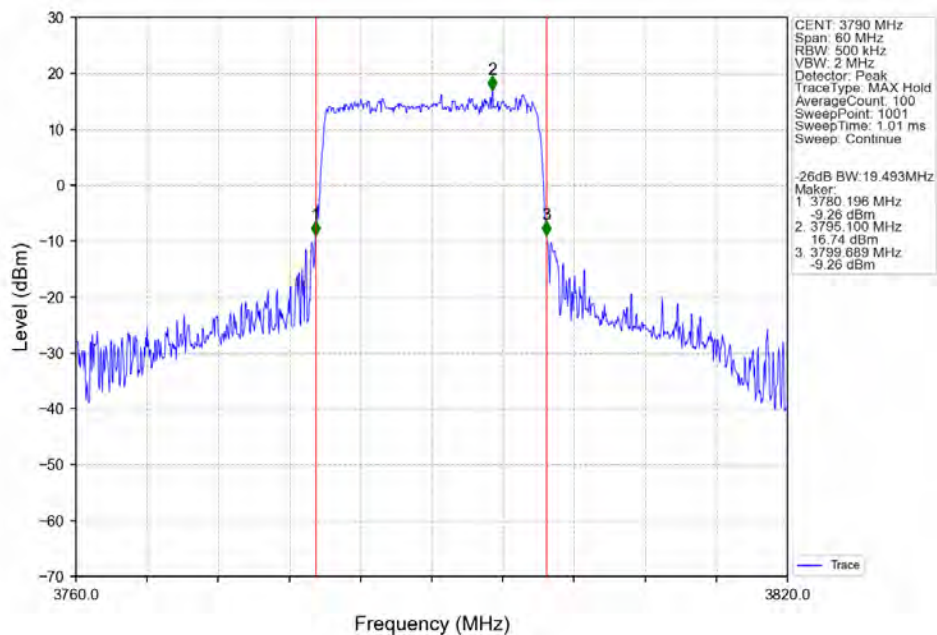
Band43d 20MHz 64QAM LCH 3710MHz RB 100 0 NTNV



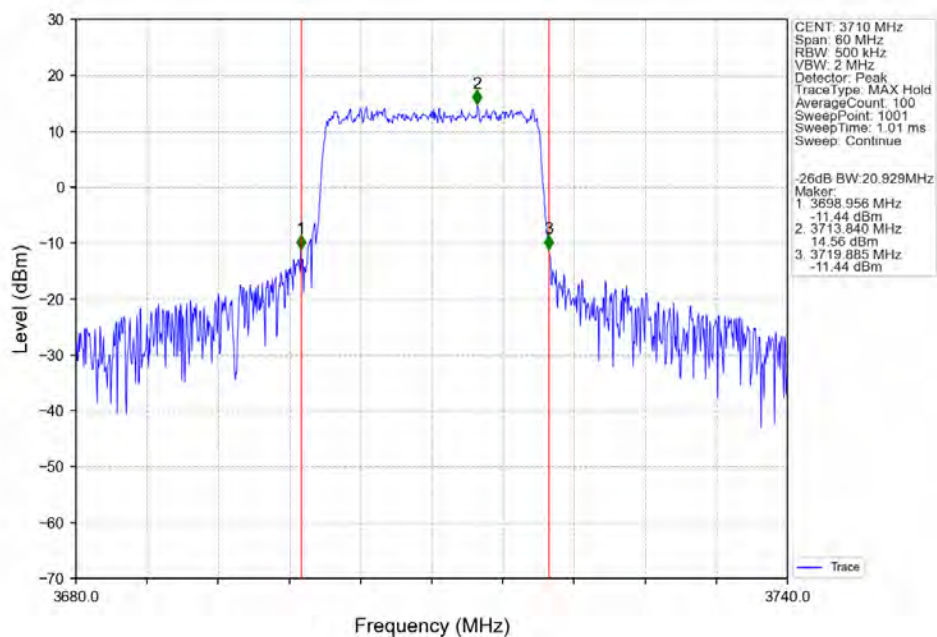
Band43d 20MHz 64QAM MCH 3750MHz RB 100 0 NTNV



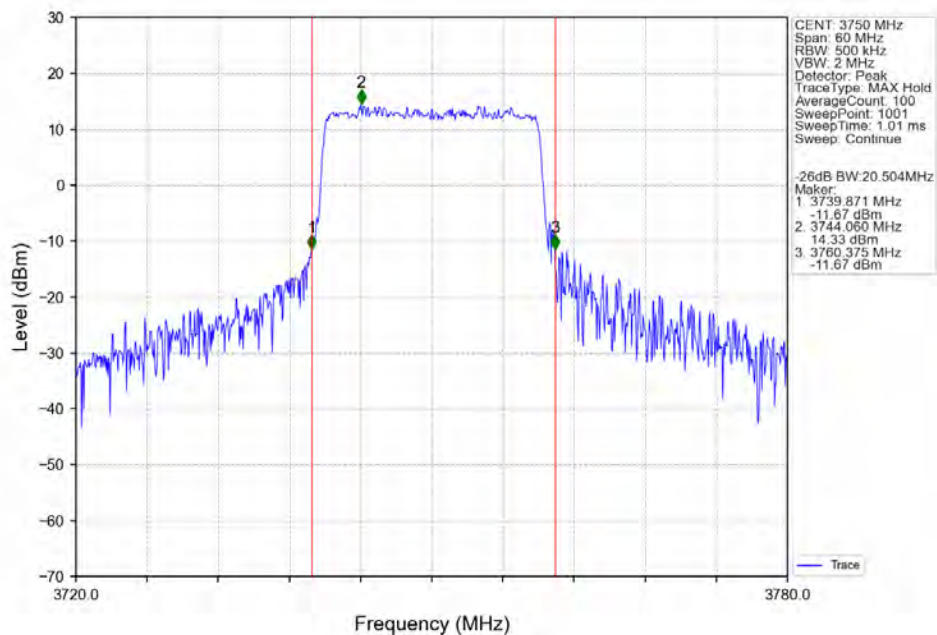
Band43d 20MHz 64QAM HCH 3790MHz RB 100 0 NTNv



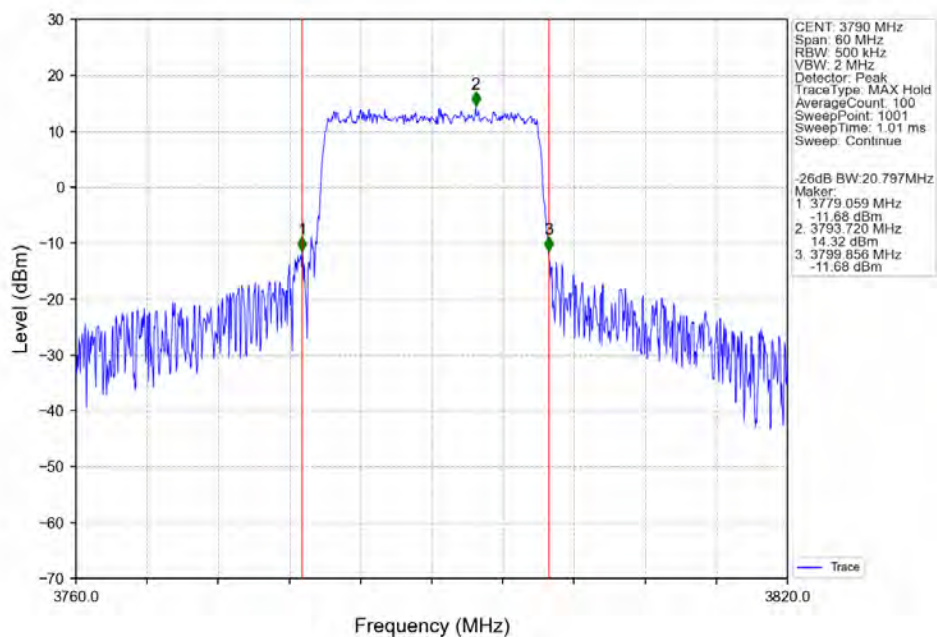
Band43d 20MHz 256QAM LCH 3710MHz RB 100 0 NTNv



Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_256QAM_HCH_3790MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B43d_5MHz

Band: 43d / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3702.5	25	0	10.02	<=13	Pass
	3750	25	0	8.72	<=13	Pass
	3797.5	25	0	8.88	<=13	Pass
16QAM	3702.5	25	0	10.00	<=13	Pass
	3750	25	0	9.72	<=13	Pass
	3797.5	25	0	9.68	<=13	Pass
64QAM	3702.5	25	0	10.02	<=13	Pass
	3750	25	0	9.98	<=13	Pass
	3797.5	25	0	9.98	<=13	Pass
256QAM	3702.5	25	0	10.24	<=13	Pass
	3750	25	0	10.18	<=13	Pass
	3797.5	25	0	10.24	<=13	Pass

4.1.2 B43d_10MHz

Band: 43d / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3705	50	0	8.72	<=13	Pass
	3750	50	0	8.72	<=13	Pass
	3795	50	0	8.98	<=13	Pass
16QAM	3705	50	0	8.72	<=13	Pass
	3750	50	0	9.72	<=13	Pass
	3795	50	0	8.96	<=13	Pass
64QAM	3705	50	0	8.72	<=13	Pass
	3750	50	0	9.98	<=13	Pass
	3795	50	0	8.96	<=13	Pass
256QAM	3705	50	0	10.18	<=13	Pass
	3750	50	0	10.16	<=13	Pass
	3795	50	0	10.12	<=13	Pass

4.1.3 B43d_15MHz

Band: 43d / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3707.5	75	0	8.54	<=13	Pass
	3750	75	0	8.64	<=13	Pass
	3792.5	75	0	9.00	<=13	Pass
16QAM	3707.5	75	0	9.92	<=13	Pass
	3750	75	0	9.82	<=13	Pass
	3792.5	75	0	9.96	<=13	Pass
64QAM	3707.5	75	0	10.22	<=13	Pass

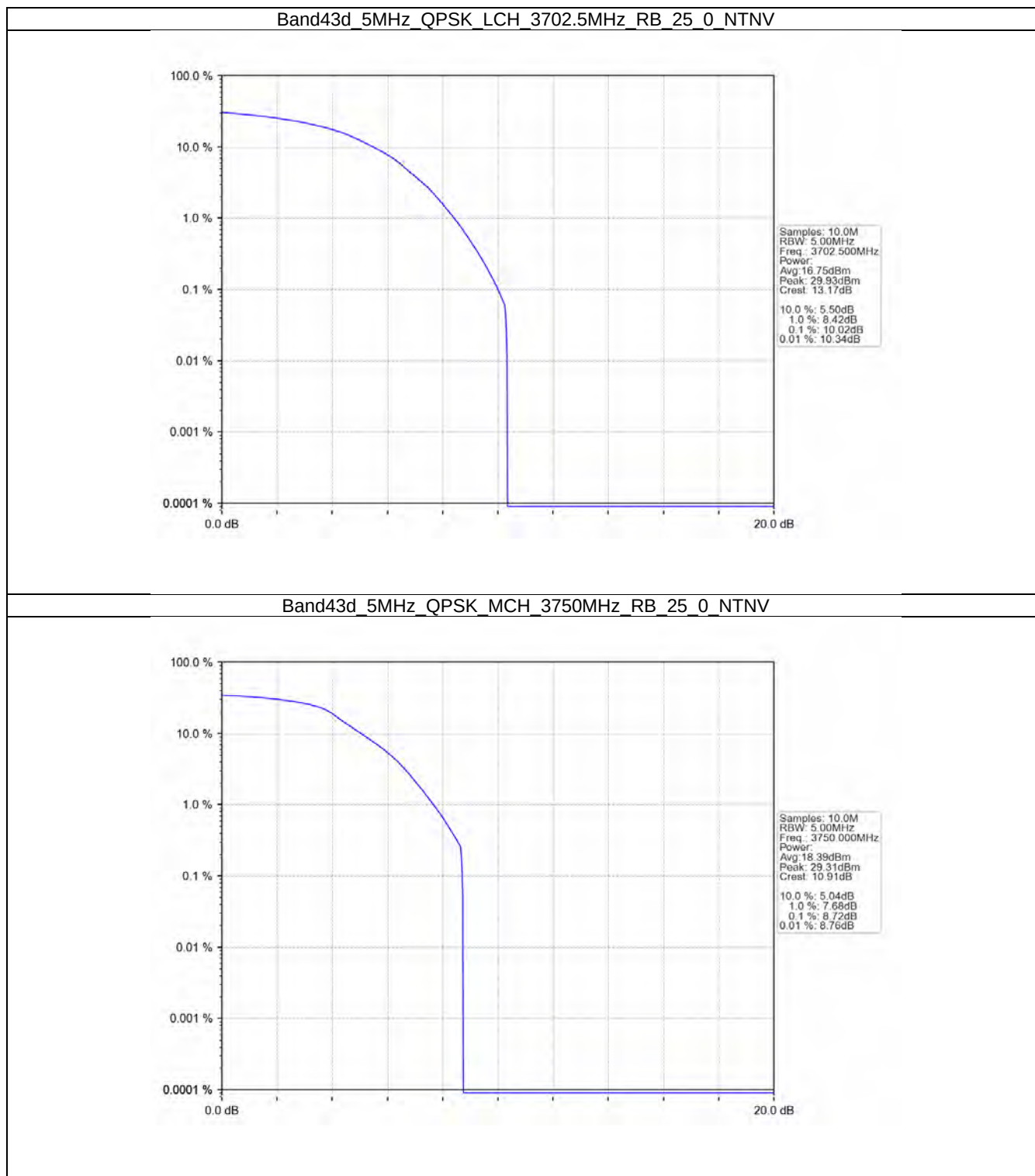
256QAM	3750	75	0	10.20	<=13	Pass
	3792.5	75	0	9.96	<=13	Pass
	3707.5	75	0	10.06	<=13	Pass
	3750	75	0	10.34	<=13	Pass
	3792.5	75	0	10.34	<=13	Pass

4.1.4 B43d_20MHz

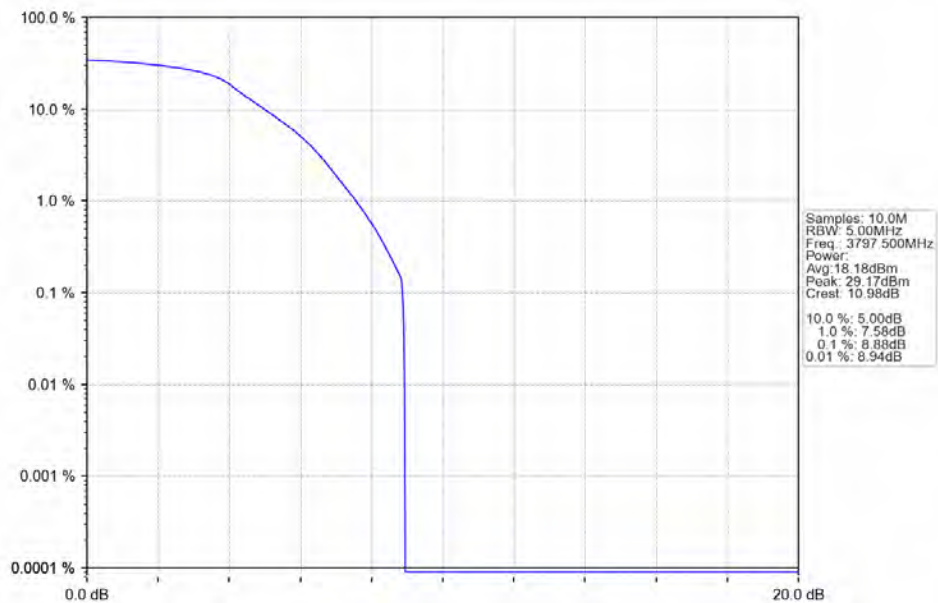
Band: 43d / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3710	100	0	8.44	<=13	Pass
	3750	100	0	8.44	<=13	Pass
	3790	100	0	8.88	<=13	Pass
16QAM	3710	100	0	9.54	<=13	Pass
	3750	100	0	9.72	<=13	Pass
	3790	100	0	9.06	<=13	Pass
64QAM	3710	100	0	10.02	<=13	Pass
	3750	100	0	10.16	<=13	Pass
	3790	100	0	9.08	<=13	Pass
256QAM	3710	100	0	10.12	<=13	Pass
	3750	100	0	10.02	<=13	Pass
	3790	100	0	9.98	<=13	Pass

4.2 Test Graph

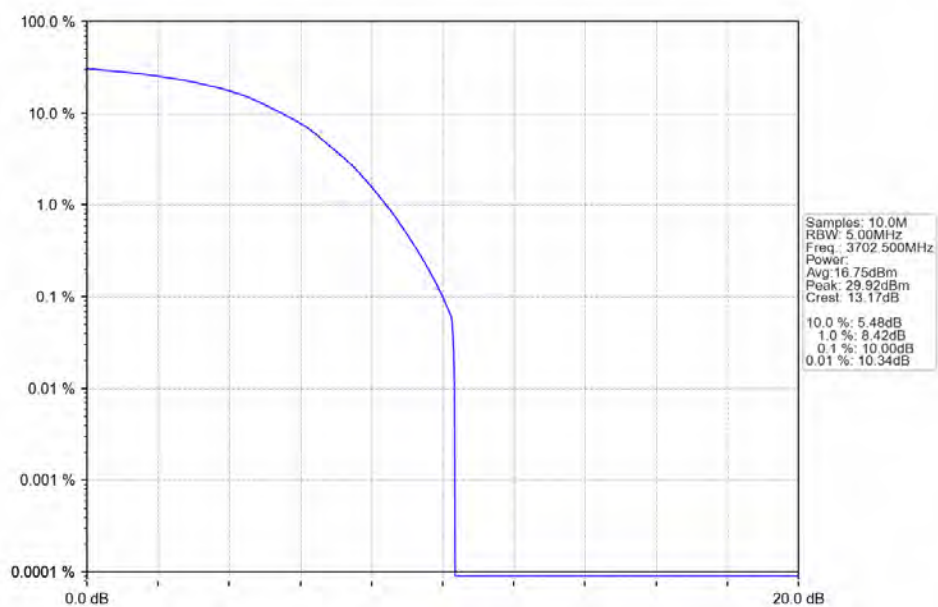
4.2.1 B43d_5MHz



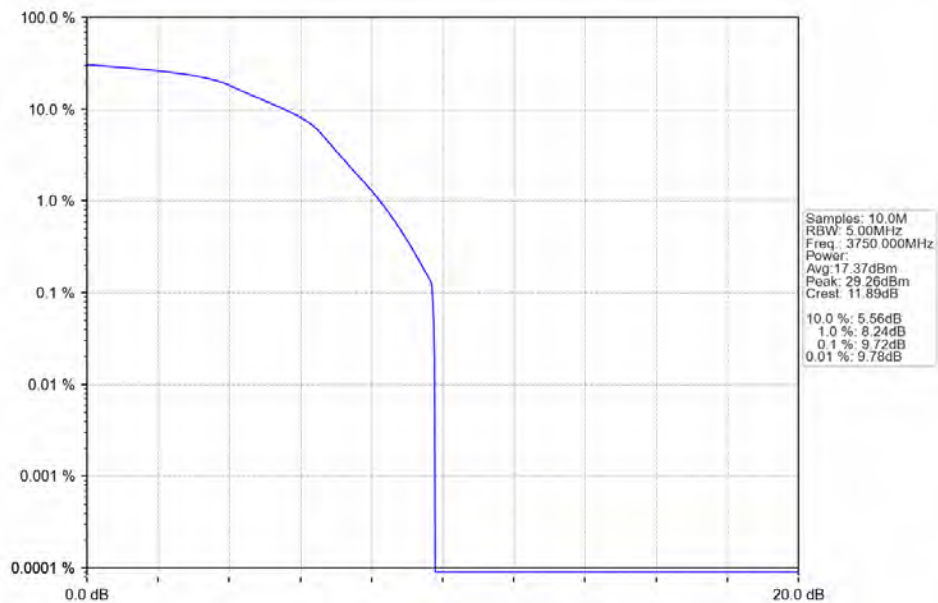
Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



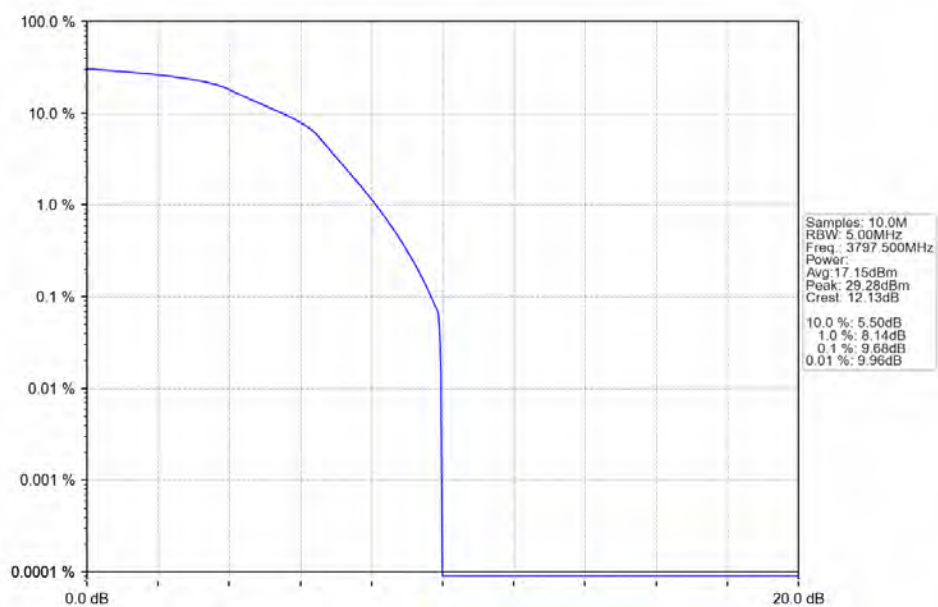
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV



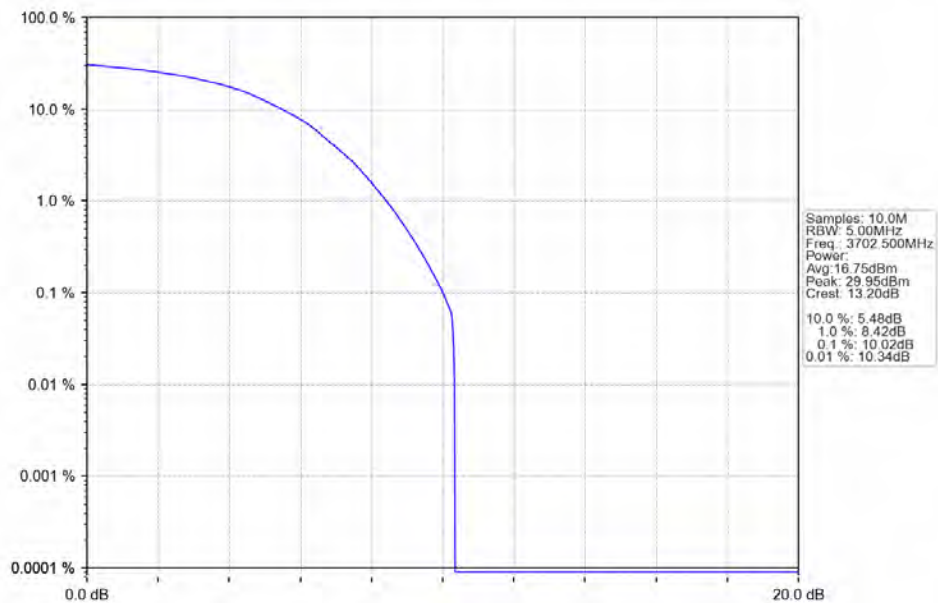
Band43d_5MHz_16QAM_MCH_3750MHz_RB_25_0_NTNV



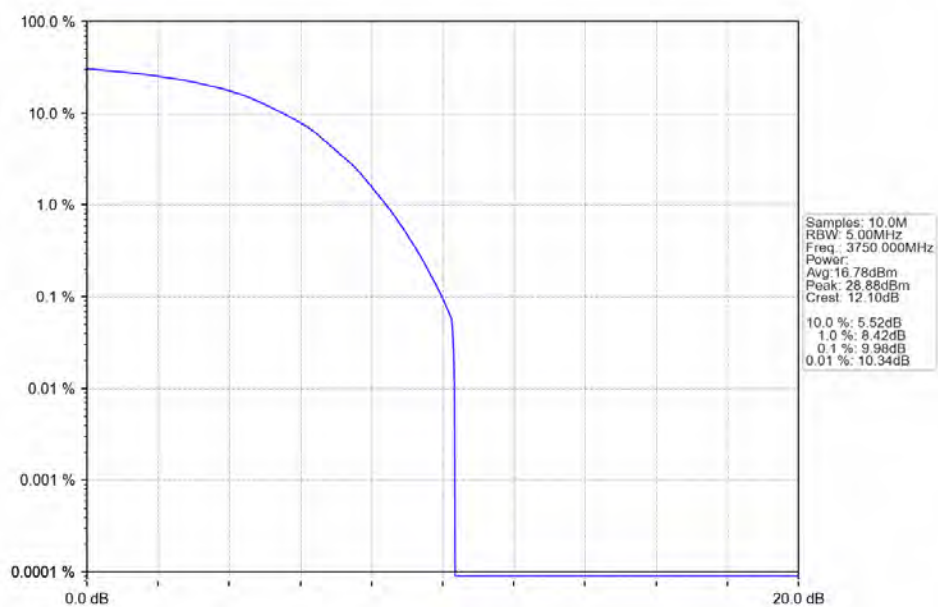
Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



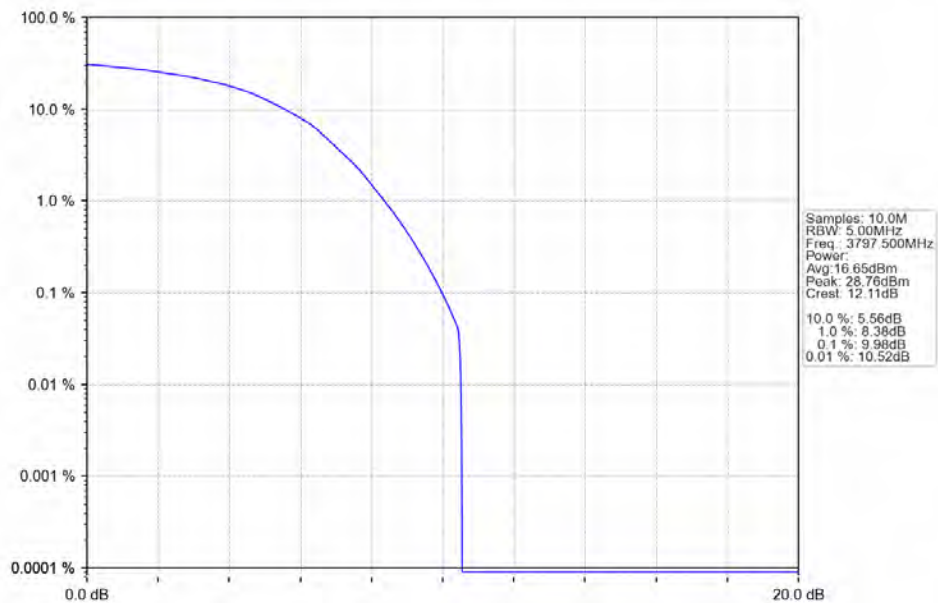
Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV



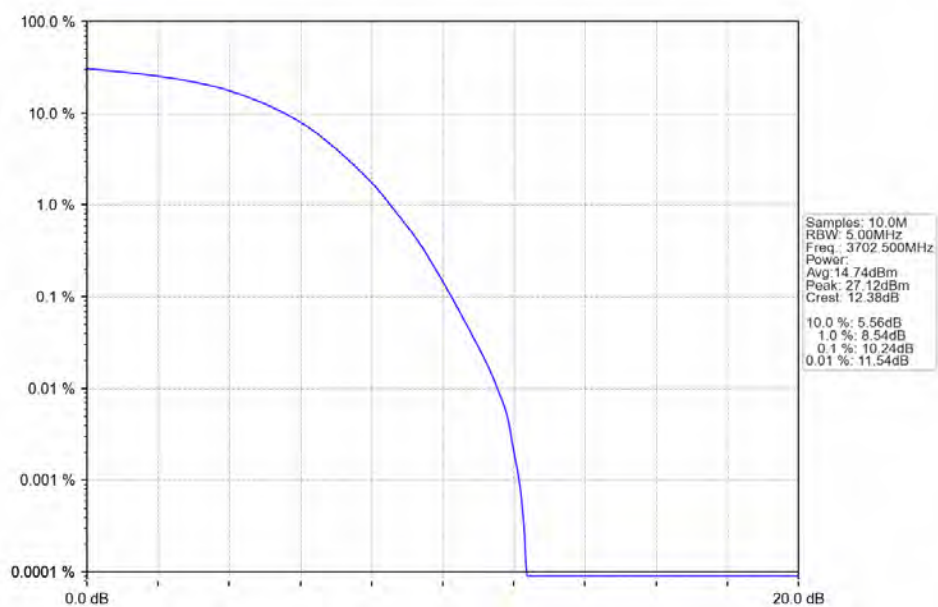
Band43d_5MHz_64QAM_MCH_3750MHz_RB_25_0_NTNV



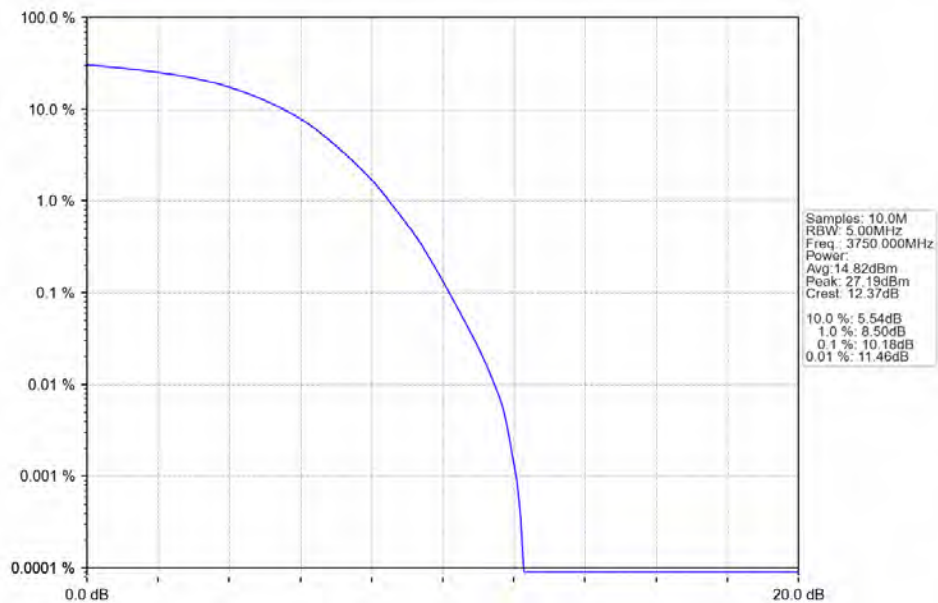
Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



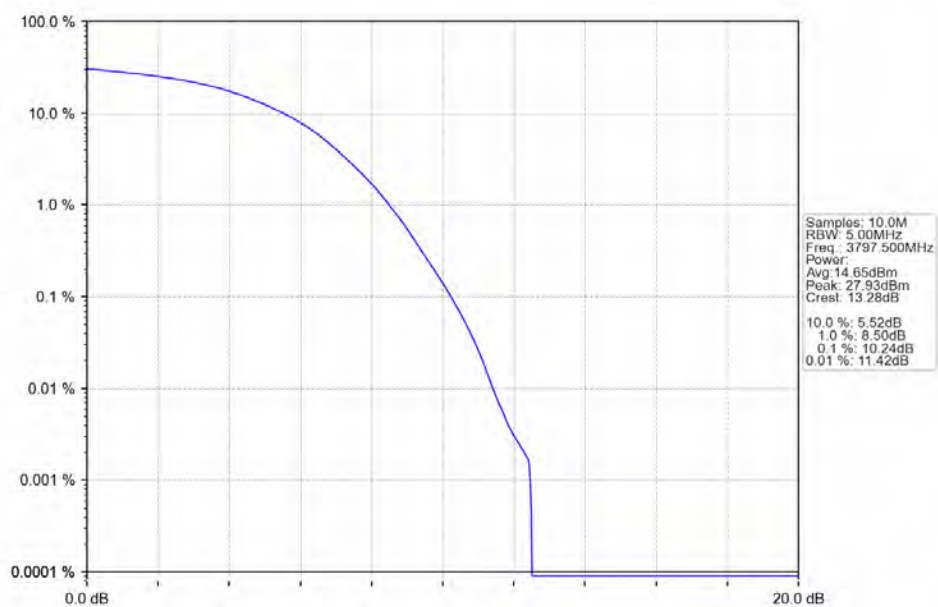
Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



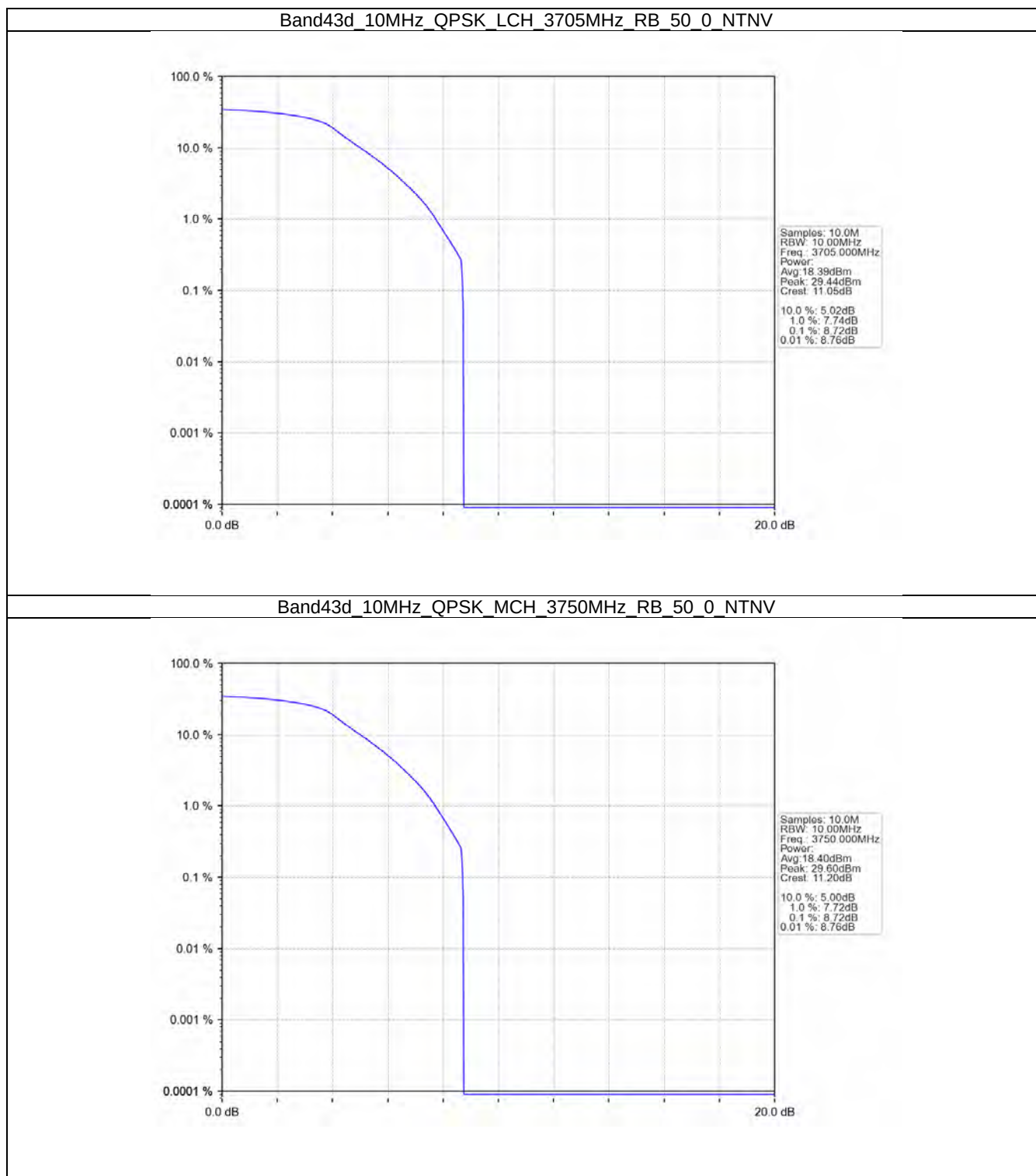
Band43d_5MHz_256QAM_MCH_3750MHz_RB_25_0_NTNV



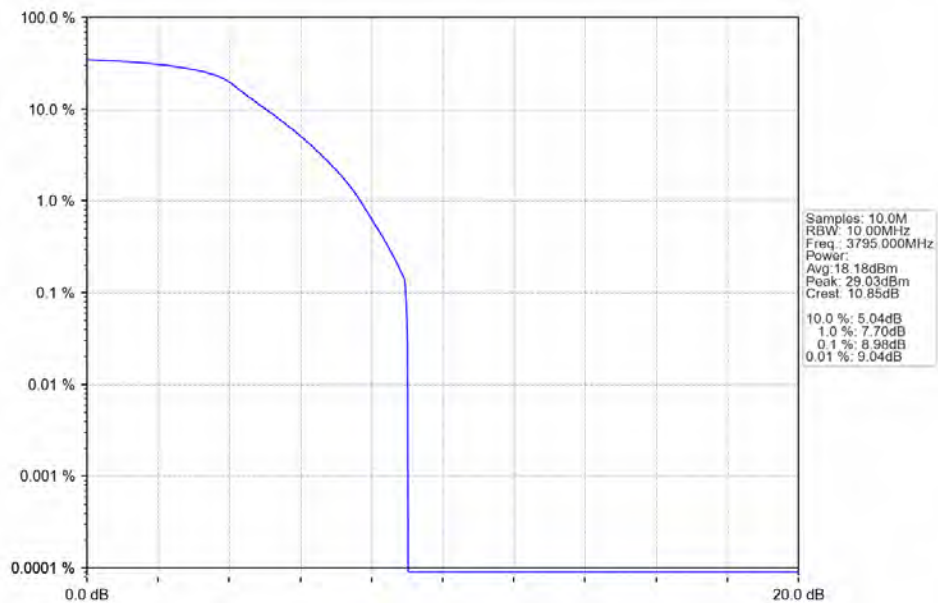
Band43d_5MHz_256QAM_HCH_3797.5MHz_RB_25_0_NTNV



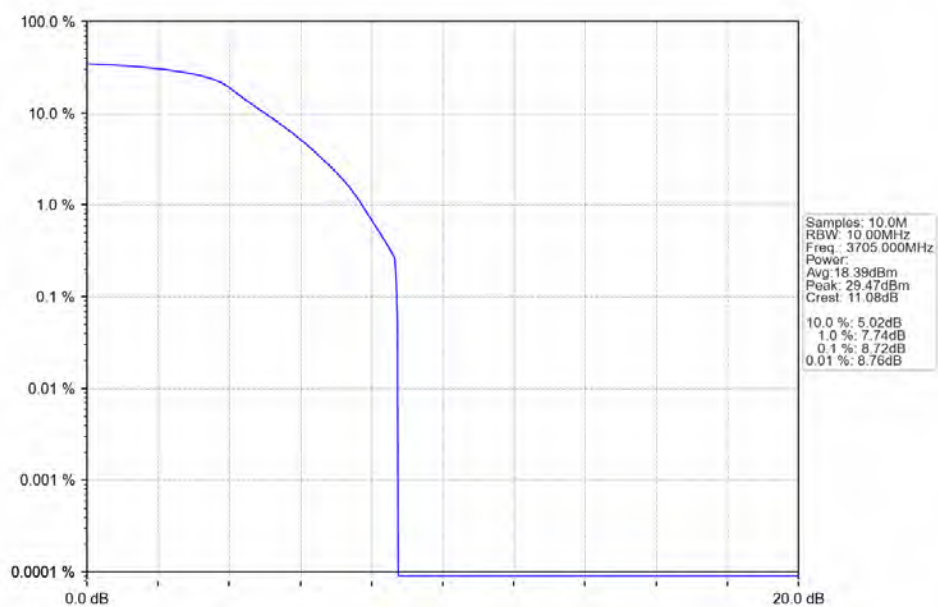
4.2.2 B43d_10MHz



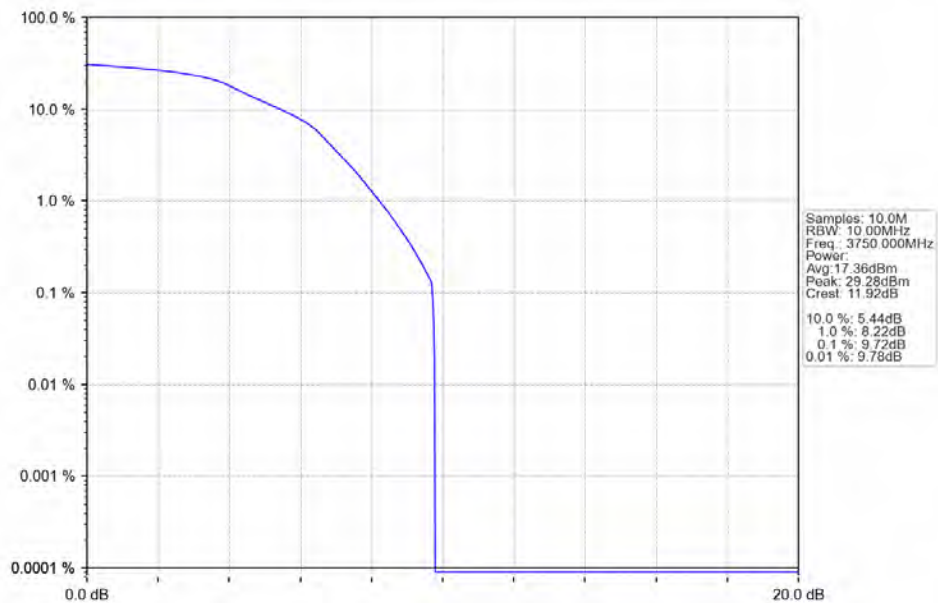
Band43d_10MHz_QPSK_HCH_3795MHz_RB_50_0_NTNV



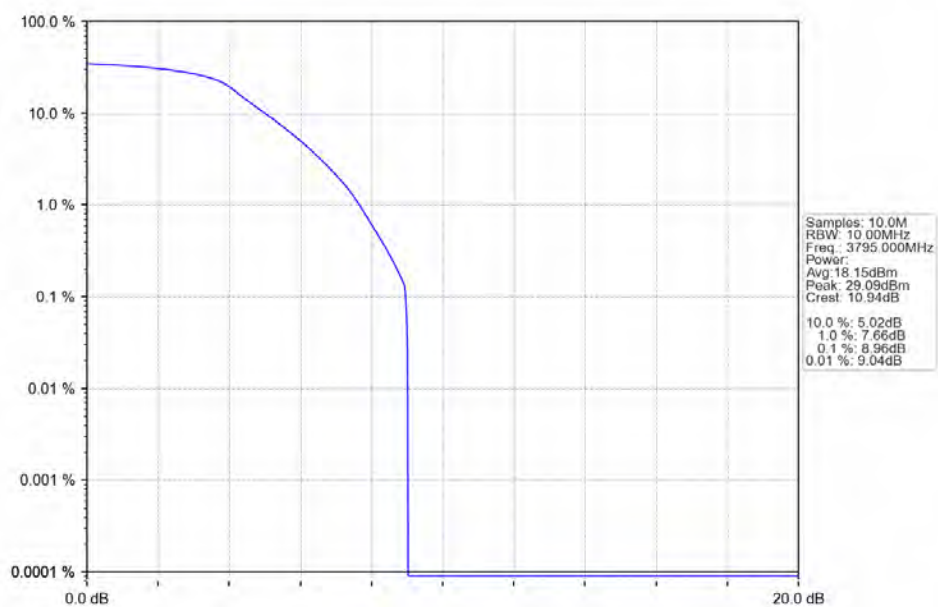
Band43d_10MHz_16QAM_LCH_3705MHz_RB_50_0_NTNV



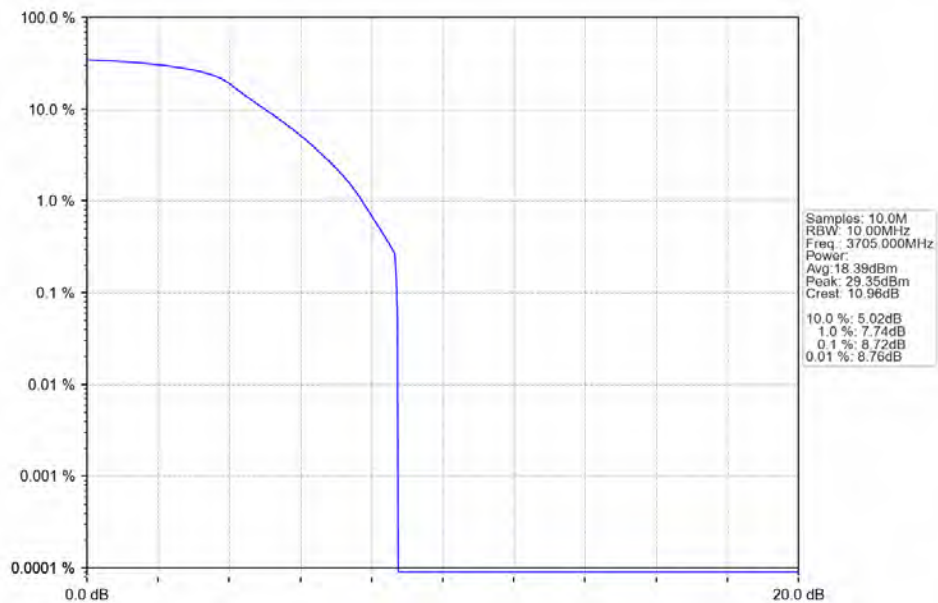
Band43d_10MHz_16QAM_MCH_3750MHz_RB_50_0_NTNV



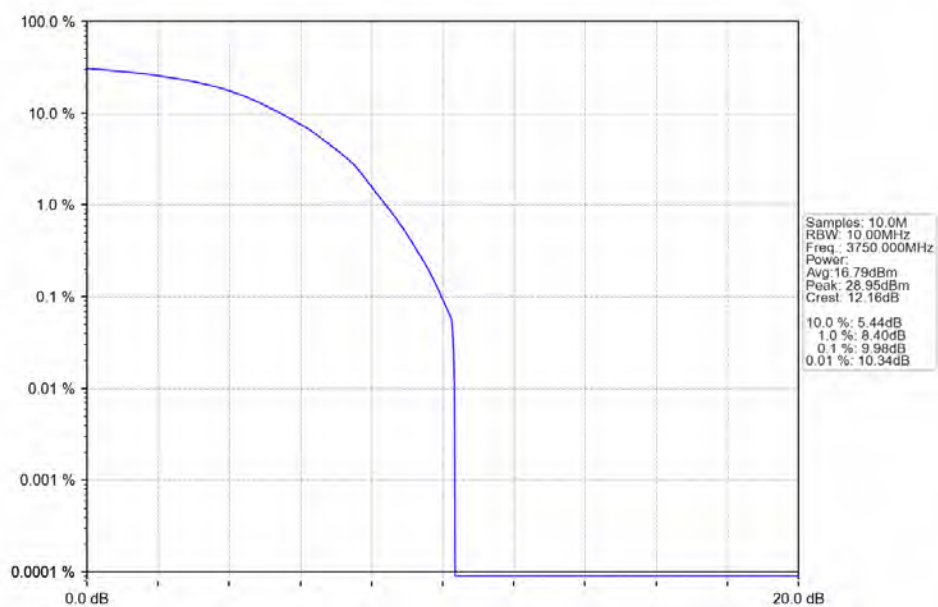
Band43d_10MHz_16QAM_HCH_3795MHz_RB_50_0_NTNV



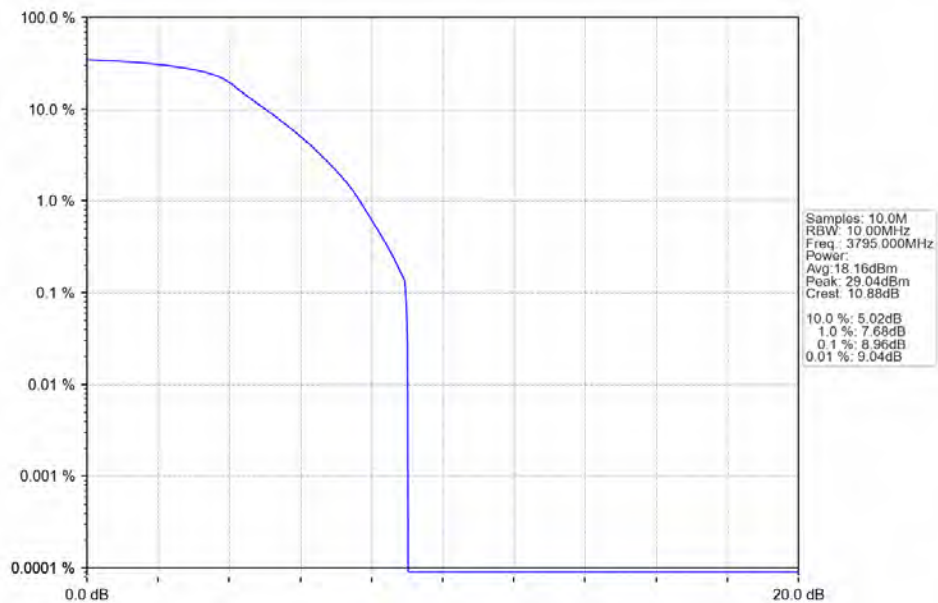
Band43d_10MHz_64QAM_LCH_3705MHz_RB_50_0_NTNV



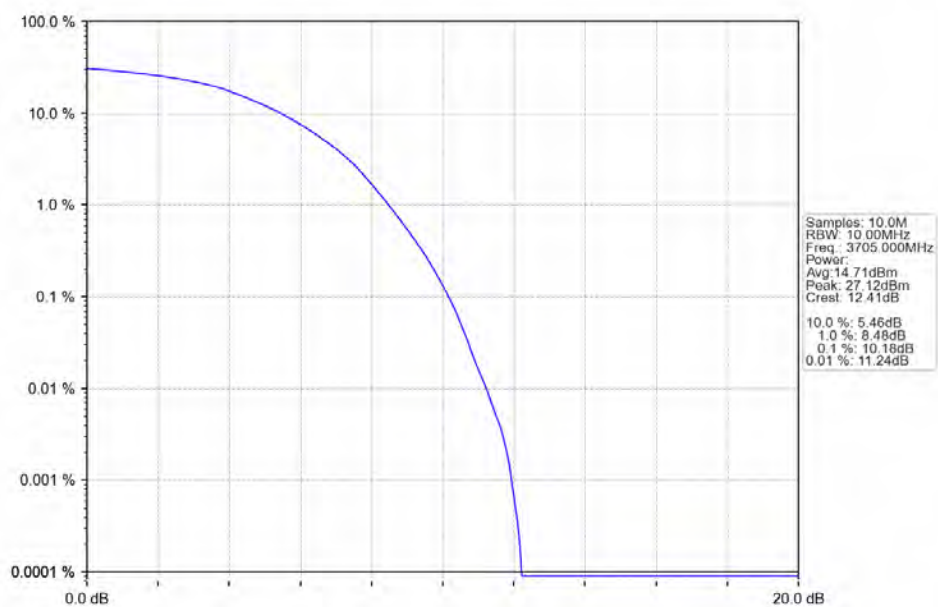
Band43d_10MHz_64QAM_MCH_3750MHz_RB_50_0_NTNV



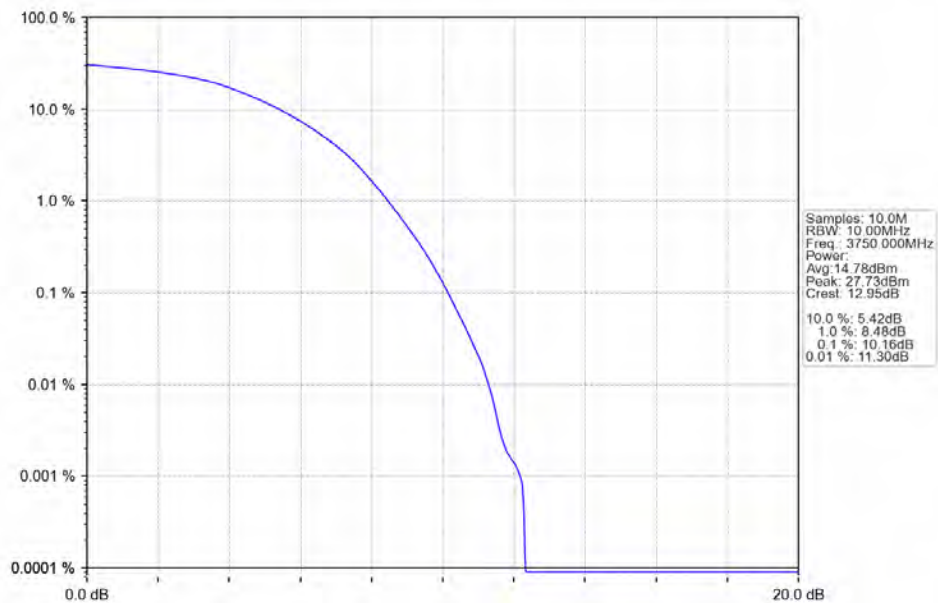
Band43d_10MHz_64QAM_HCH_3795MHz_RB_50_0_NTNV



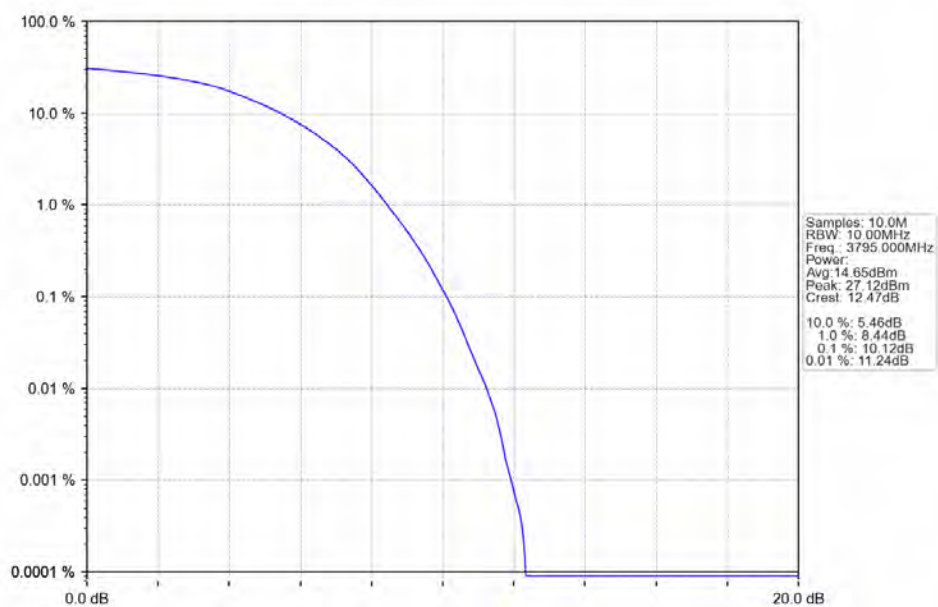
Band43d_10MHz_256QAM_LCH_3705MHz_RB_50_0_NTNV



Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV

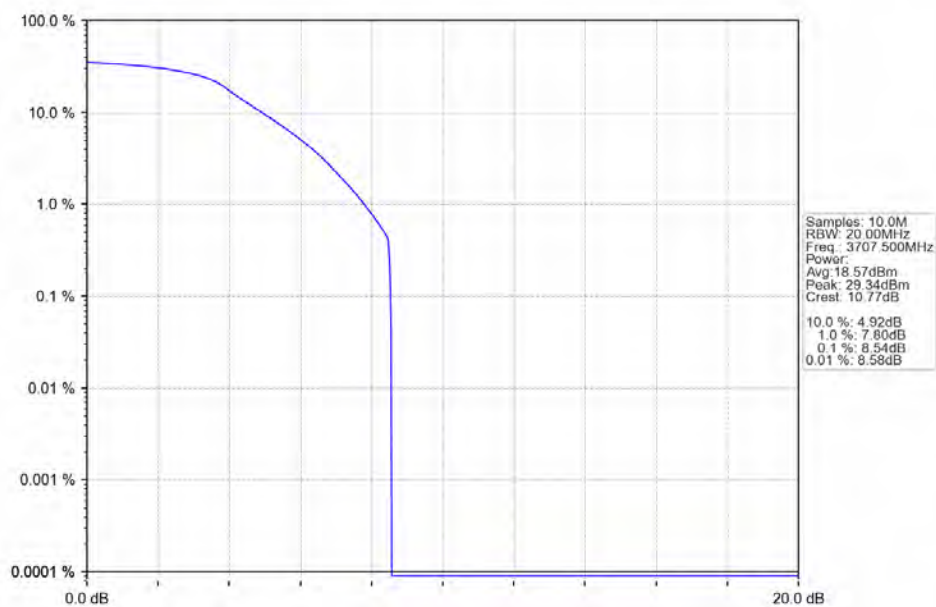


Band43d_10MHz_256QAM_HCH_3795MHz_RB_50_0_NTNV

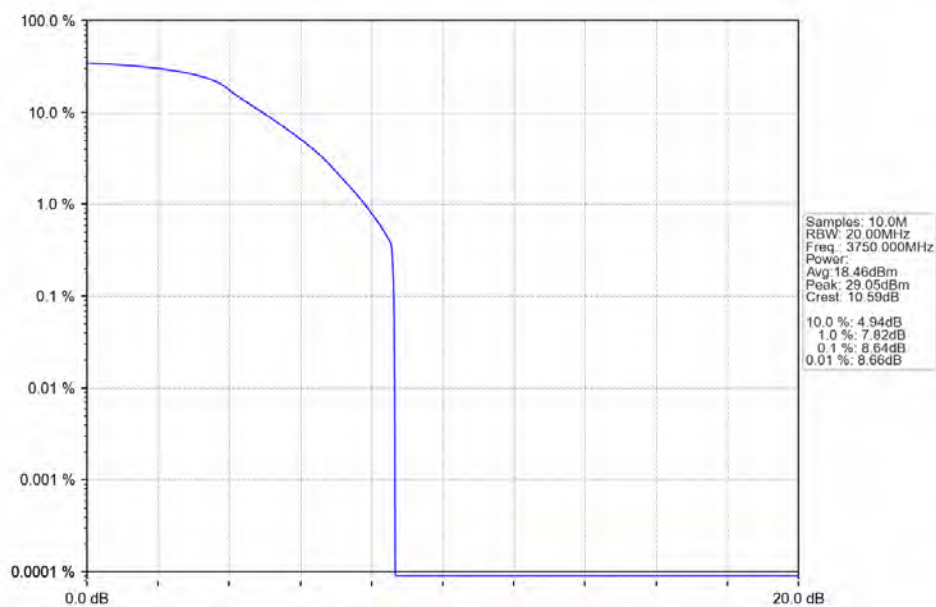


4.2.3 B43d_15MHz

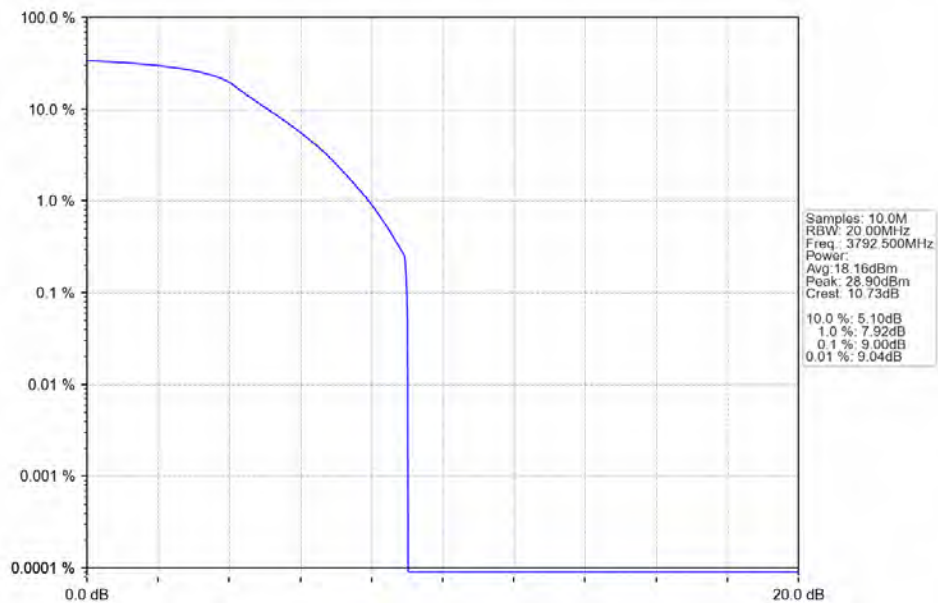
Band43d_15MHz_QPSK_LCH_3707.5MHz_RB_75_0_NTNV



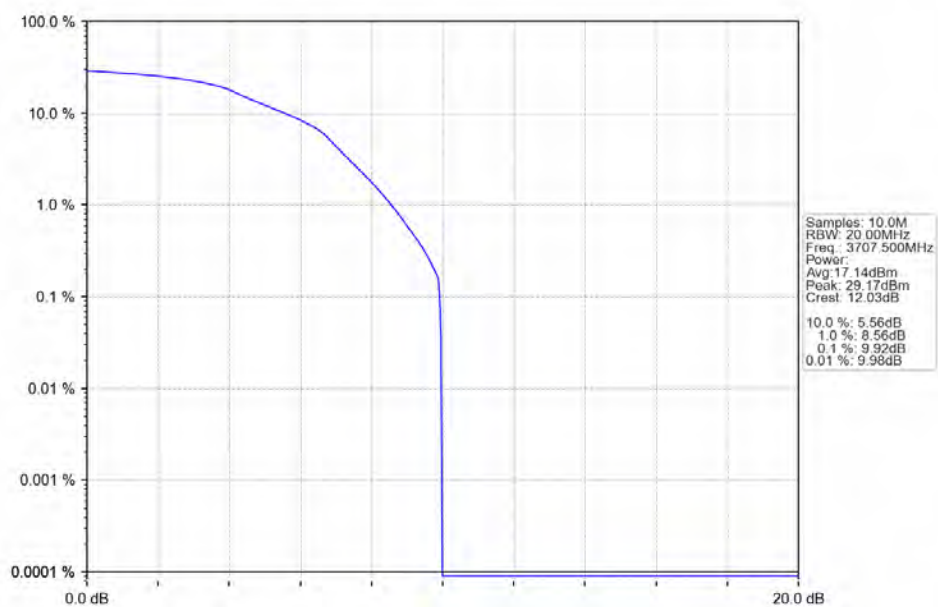
Band43d_15MHz_QPSK_MCH_3750MHz_RB_75_0_NTNV



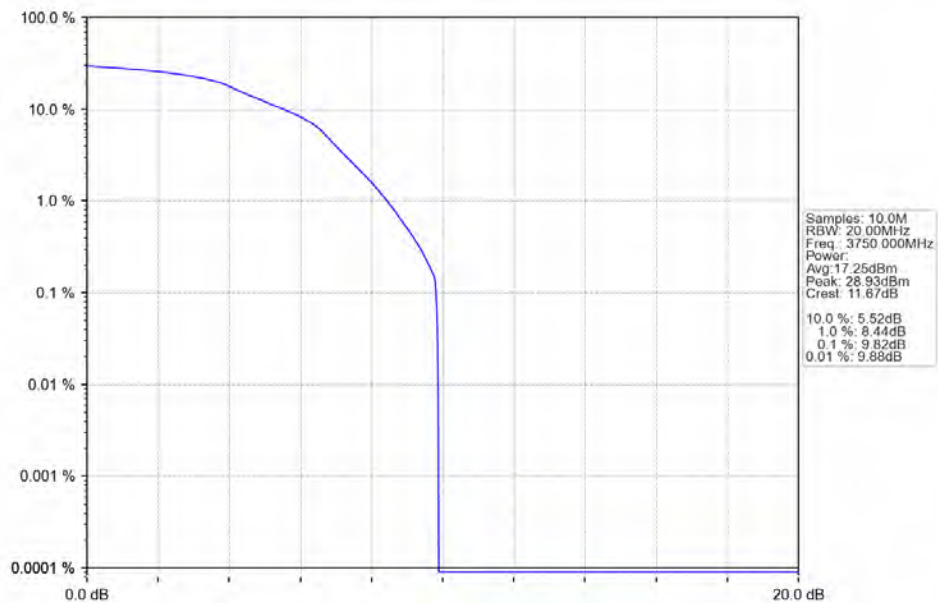
Band43d_15MHz_QPSK_HCH_3792.5MHz_RB_75_0_NTNV



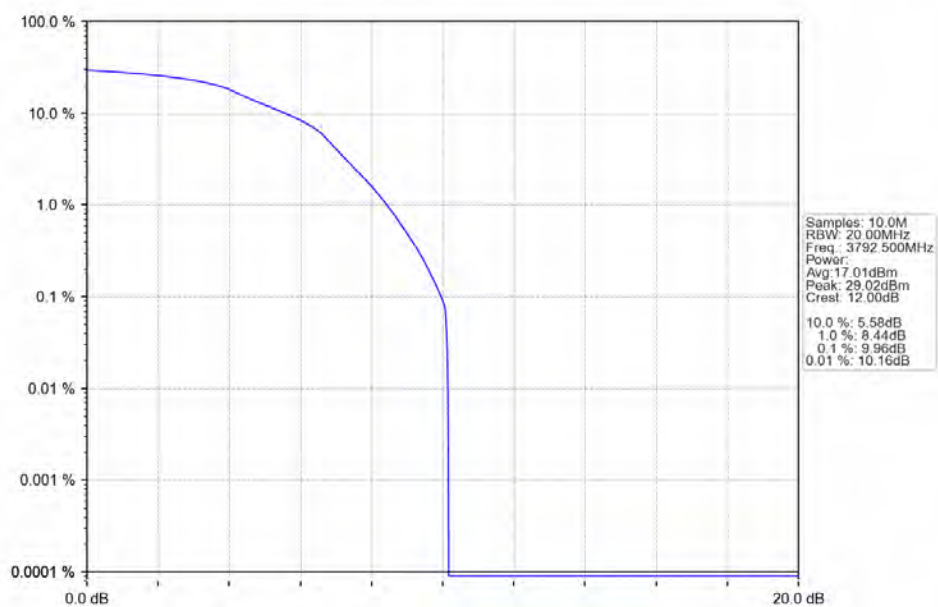
Band43d_15MHz_16QAM_LCH_3707.5MHz_RB_75_0_NTNV



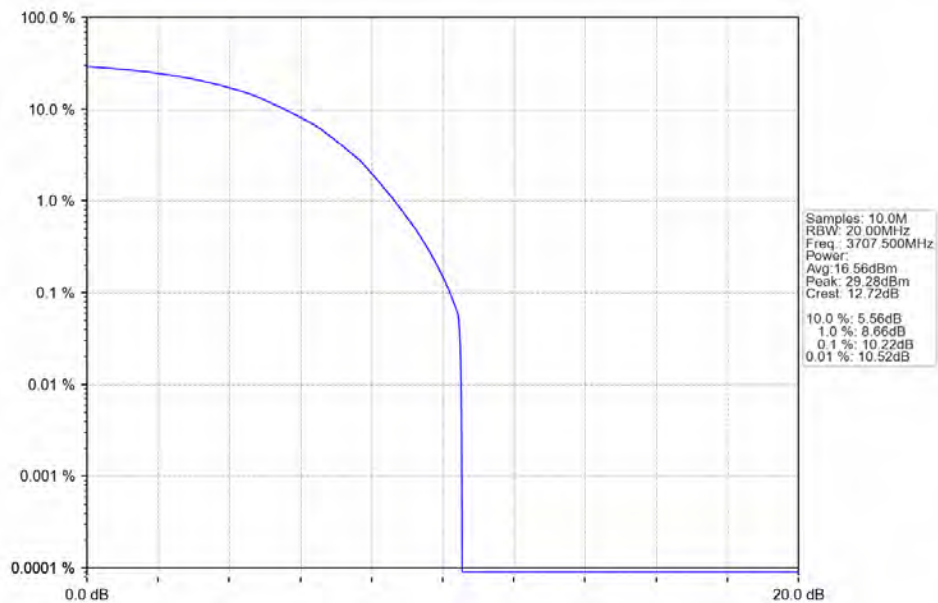
Band43d_15MHz_16QAM_MCH_3750MHz_RB_75_0_NTNV



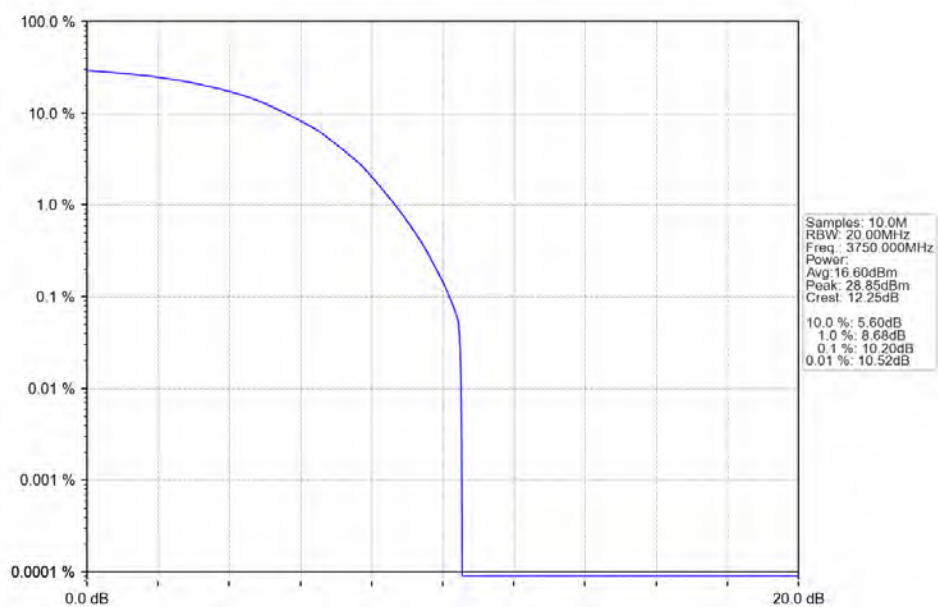
Band43d_15MHz_16QAM_HCH_3792.5MHz_RB_75_0_NTNV



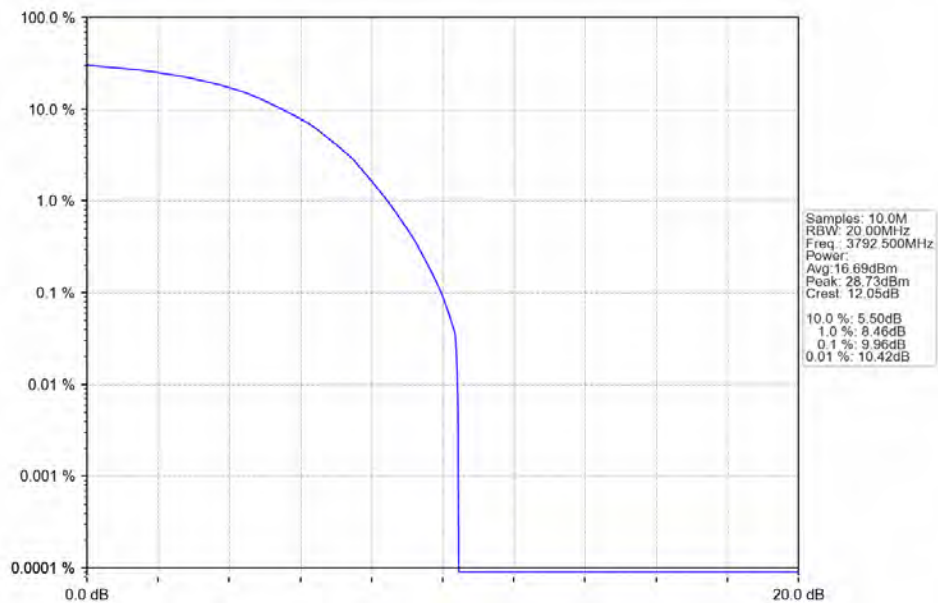
Band43d_15MHz_64QAM_LCH_3707.5MHz_RB_75_0_NTNV



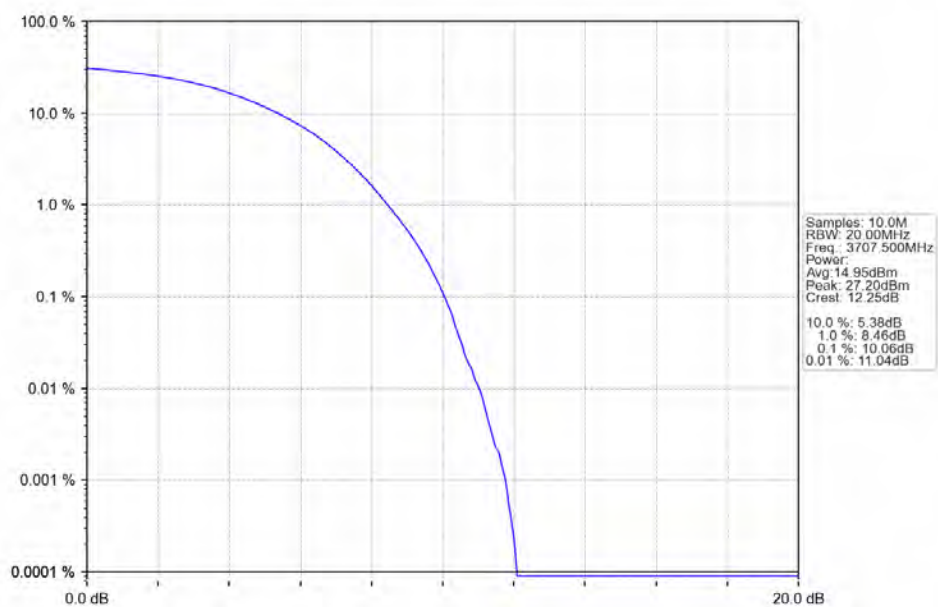
Band43d_15MHz_64QAM_MCH_3750MHz_RB_75_0_NTNV



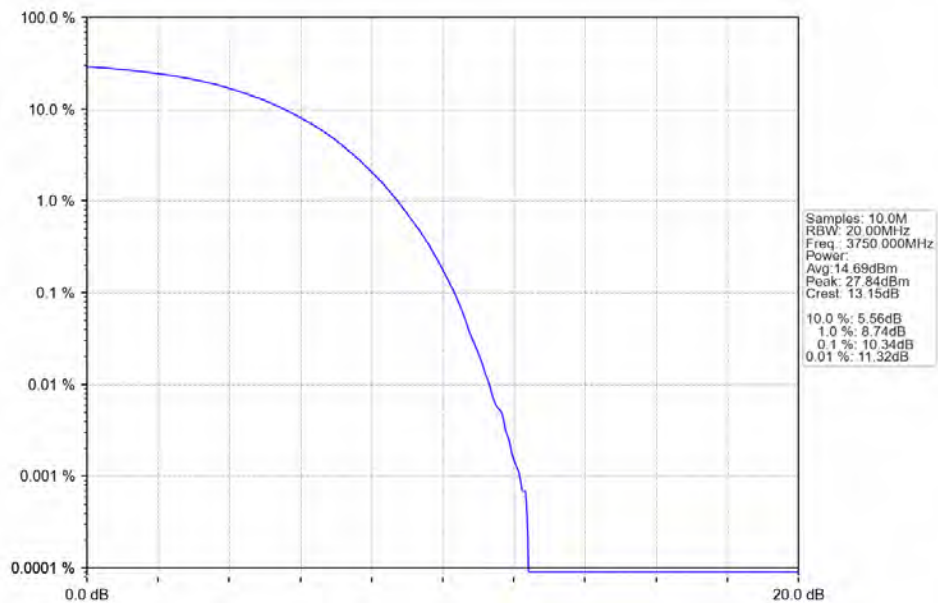
Band43d_15MHz_64QAM_HCH_3792.5MHz_RB_75_0_NTNV



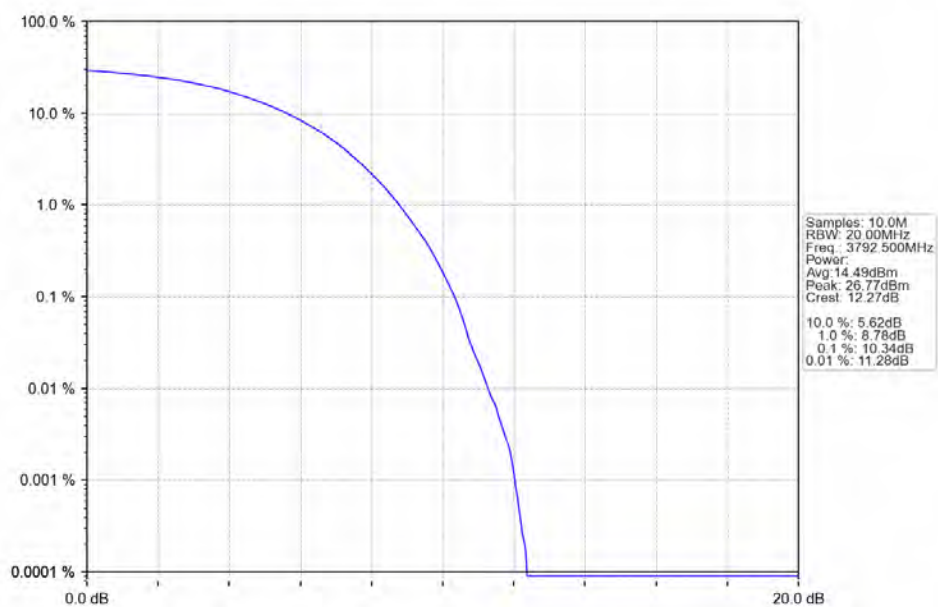
Band43d_15MHz_256QAM_LCH_3707.5MHz_RB_75_0_NTNV



Band43d_15MHz_256QAM_MCH_3750MHz_RB_75_0_NTNV

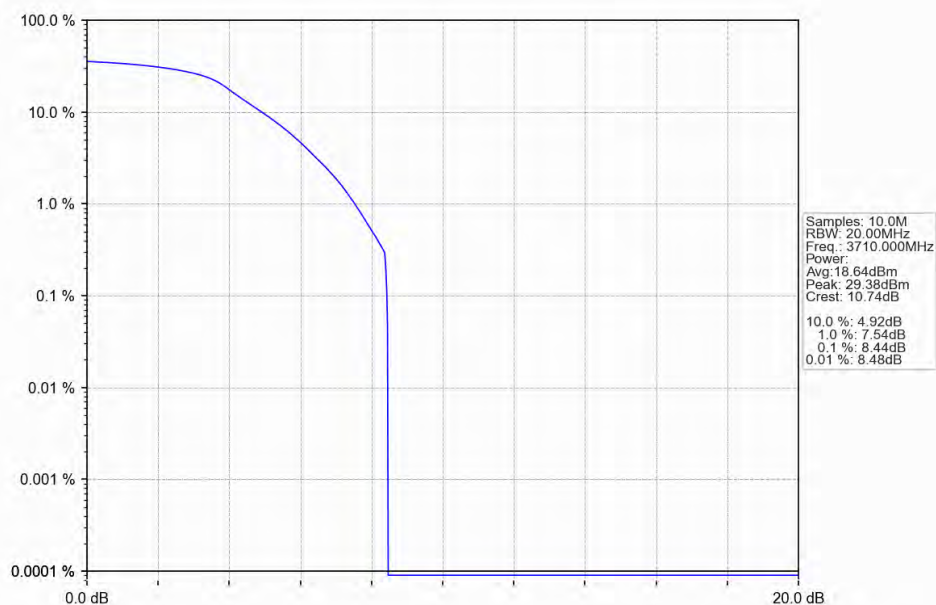


Band43d_15MHz_256QAM_HCH_3792.5MHz_RB_75_0_NTNV

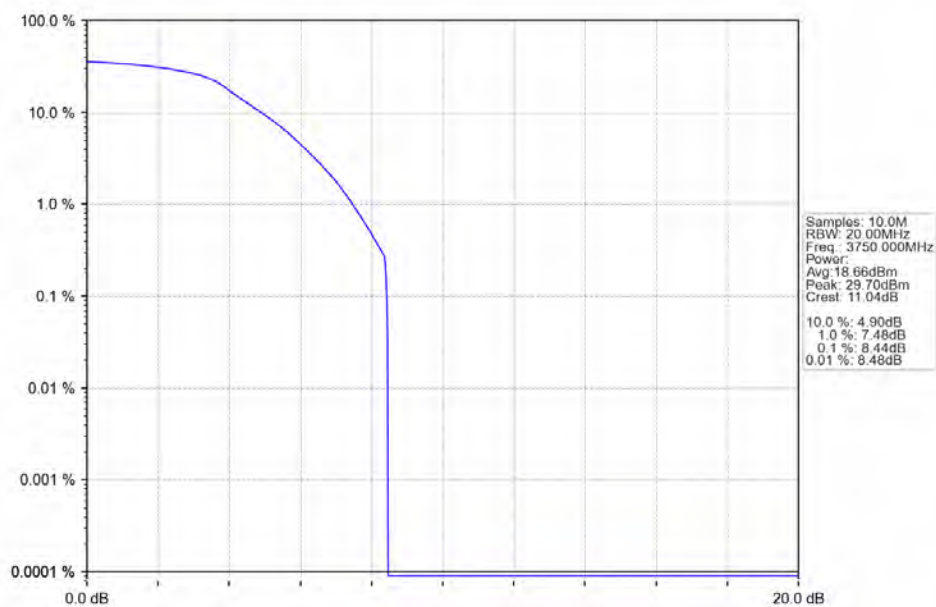


4.2.4 B43d_20MHz

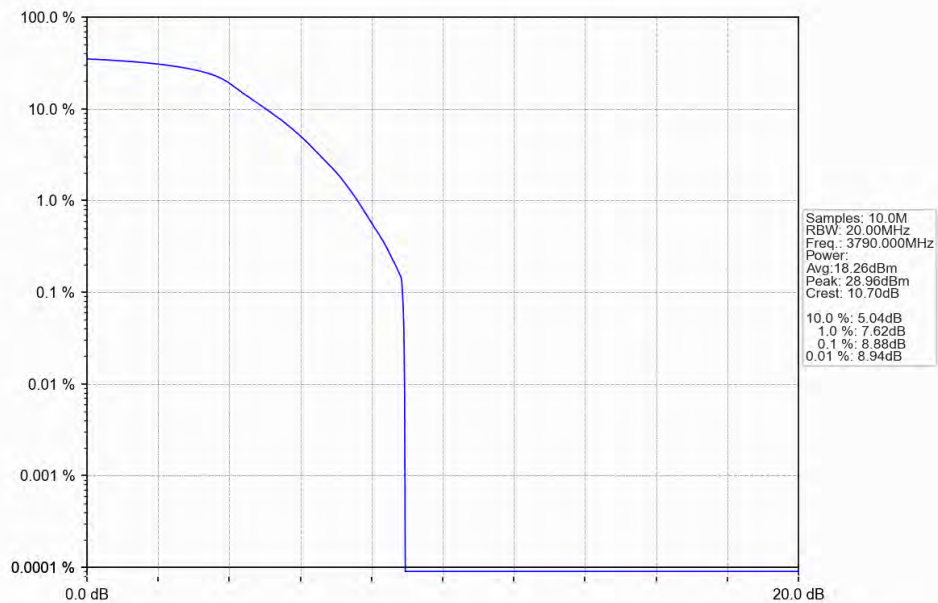
Band43d_20MHz_QPSK_LCH_3710MHz_RB_100_0_NTNV



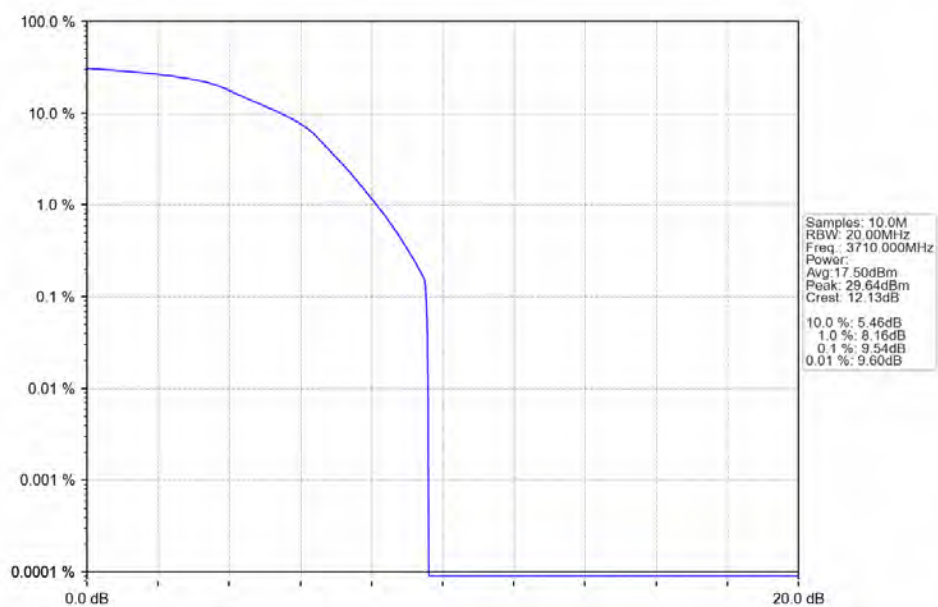
Band43d_20MHz_QPSK_MCH_3750MHz_RB_100_0_NTNV



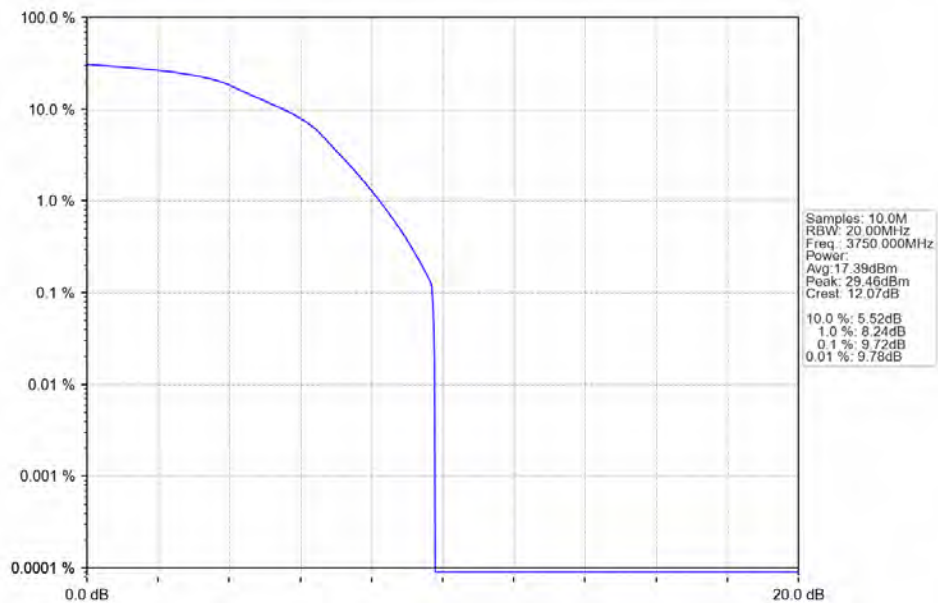
Band43d_20MHz_QPSK_HCH_3790MHz_RB_100_0_NTNV



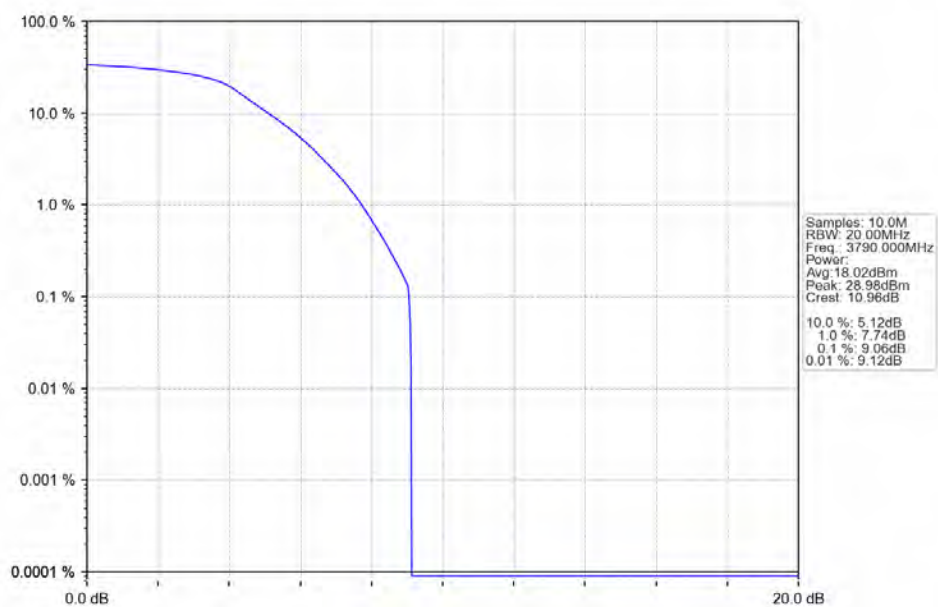
Band43d_20MHz_16QAM_LCH_3710MHz_RB_100_0_NTNV



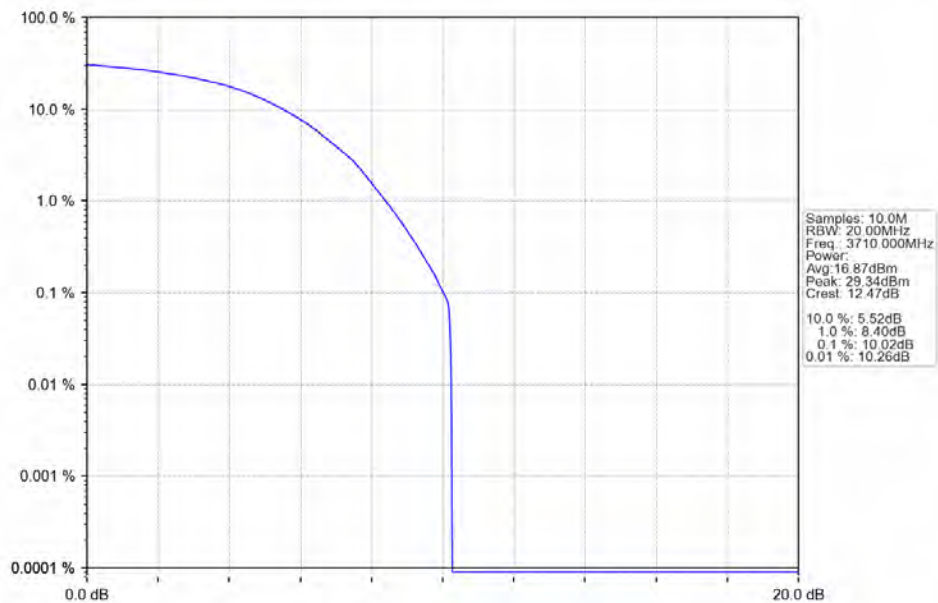
Band43d 20MHz 16QAM MCH 3750MHz RB 100 0 NTN



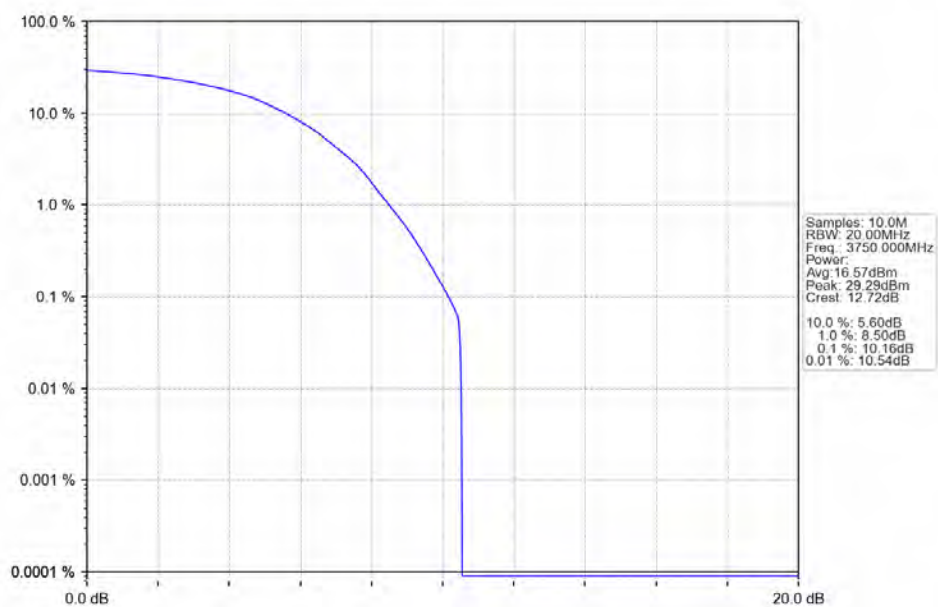
Band43d 20MHz 16QAM HCH 3790MHz RB 100 0 NTN



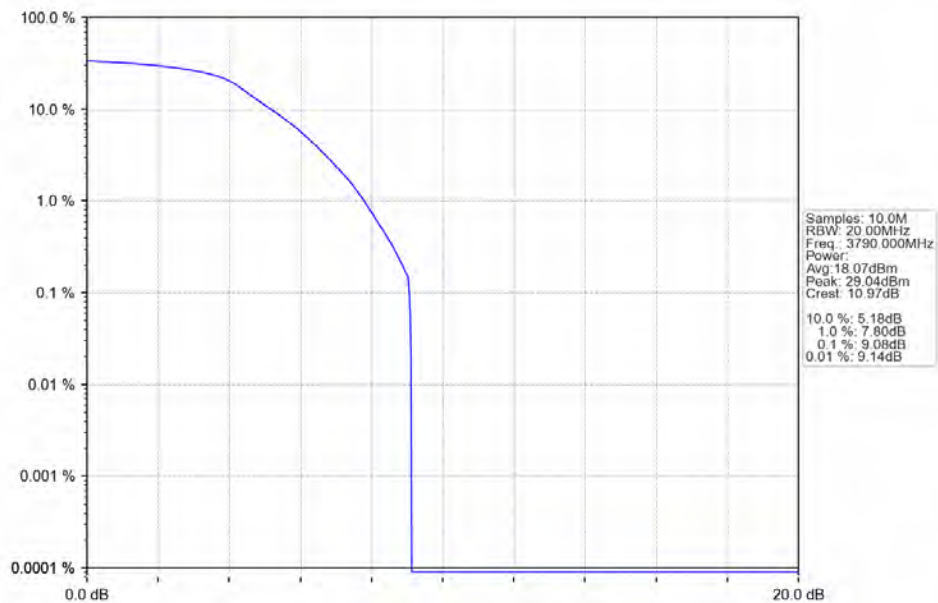
Band43d_20MHz_64QAM_LCH_3710MHz_RB_100_0_NTNV



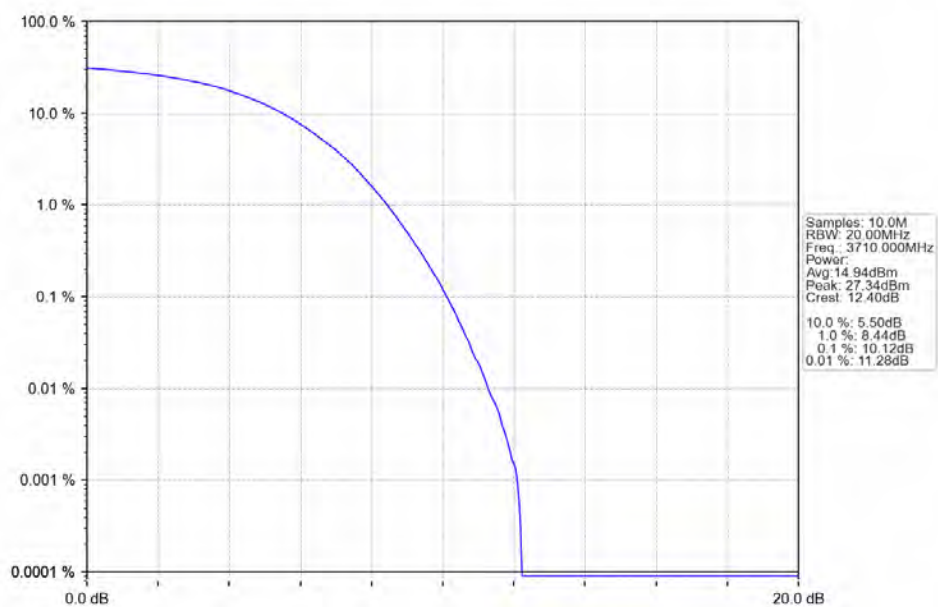
Band43d_20MHz_64QAM_MCH_3750MHz_RB_100_0_NTNV



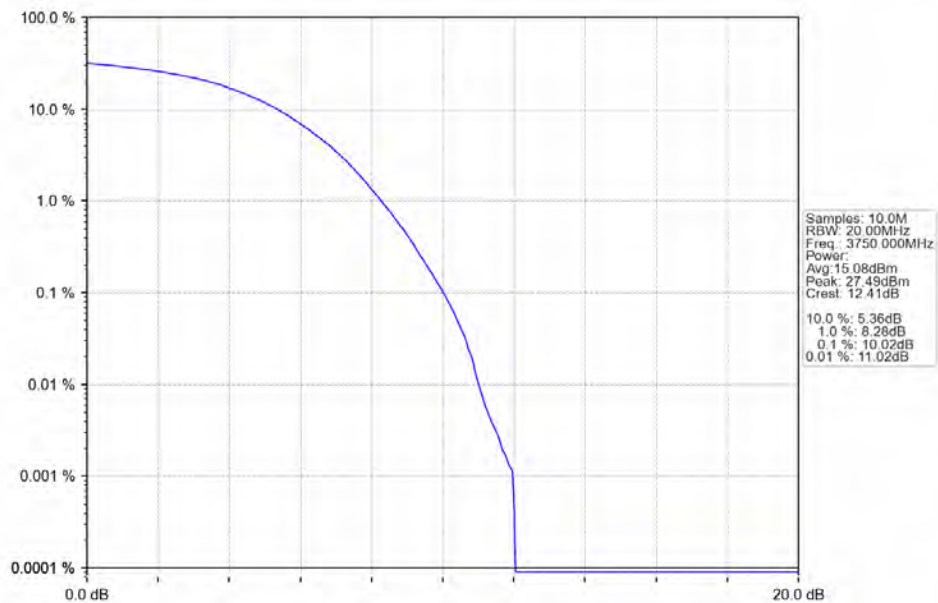
Band43d 20MHz 64QAM HCH 3790MHz RB 100 0 NTNV



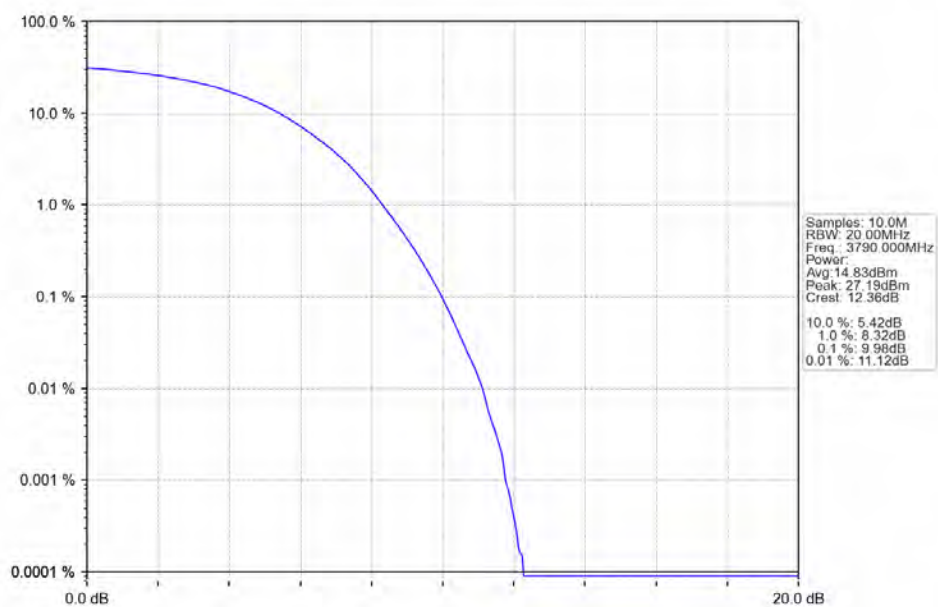
Band43d 20MHz 256QAM LCH 3710MHz RB 100 0 NTNV



Band43d_20MHz_256QAM_MCH_3750MHz_RB_100_0_NTNV



Band43d_20MHz_256QAM_HCH_3790MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B43d_5MHz

Band: 43d / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
		1	0	Refer To Test Graph		Pass
	3797.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	3702.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3797.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
64QAM	3702.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3797.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
256QAM	3702.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3797.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B43d_10MHz

Band: 43d / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
		1	0	Refer To Test Graph		Pass
	3795	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	3705	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3750	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	3795	1	49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
64QAM	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
256QAM	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
	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		Verdict
		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
16QAM	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
64QAM	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
256QAM	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

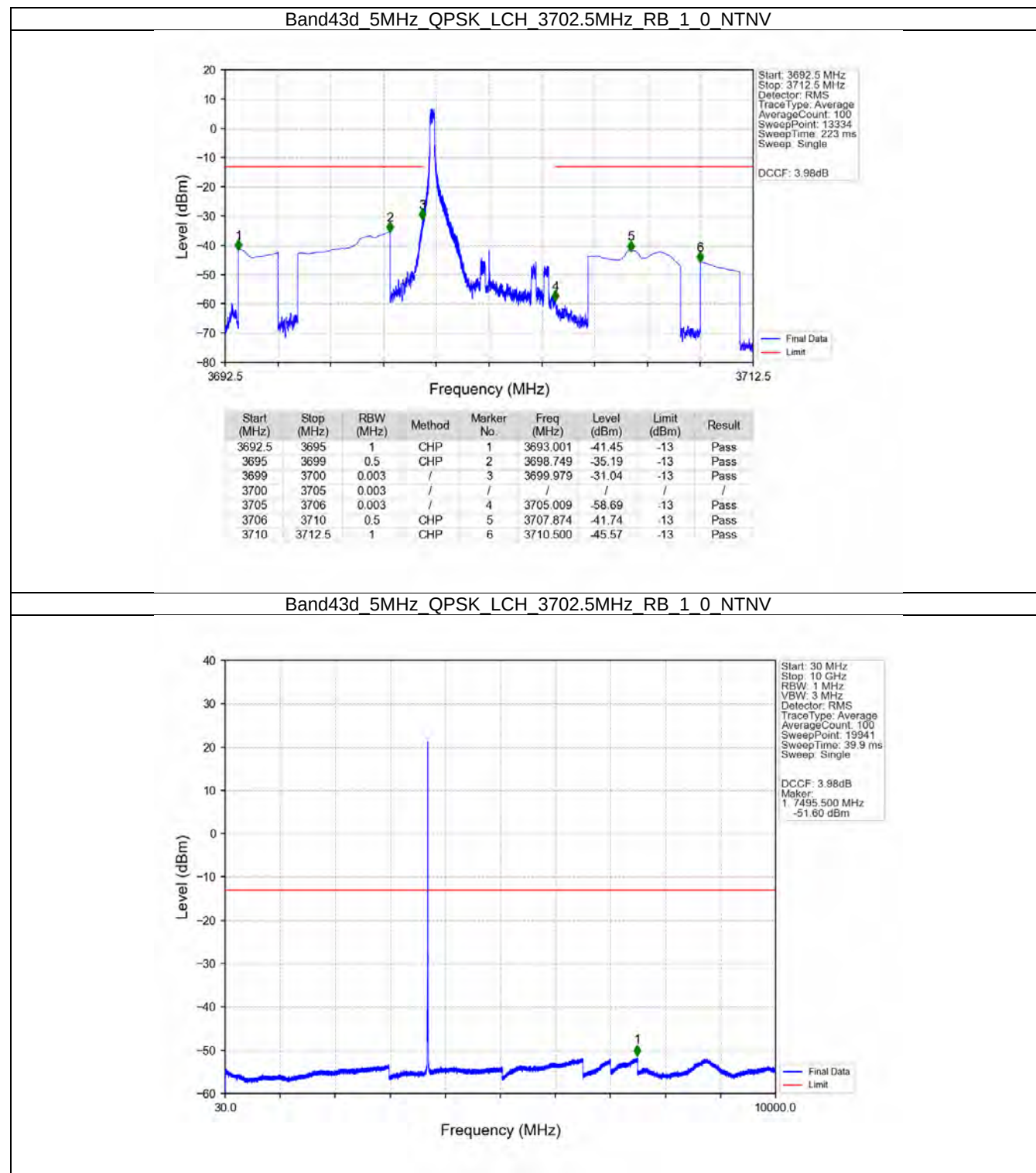
5.1.4 B43d_20MHz

Band: 43d / Bandwidth: 20MHz / NTN/V						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		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
16QAM	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

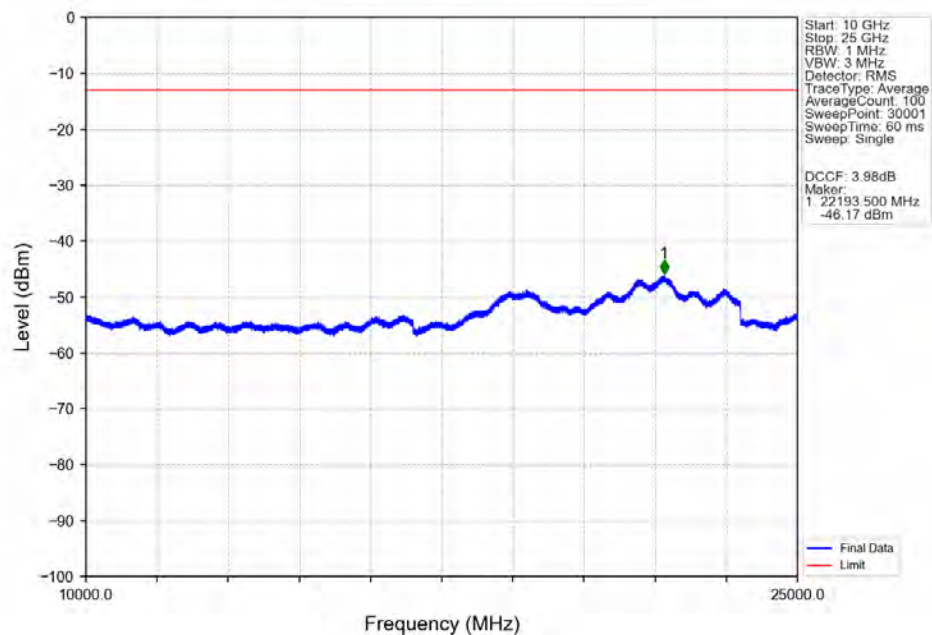
		100	0	Refer To Test Graph	Pass
64QAM	3710	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3750	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	3790	1	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
256QAM	3710	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	3750	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	3790	1	99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

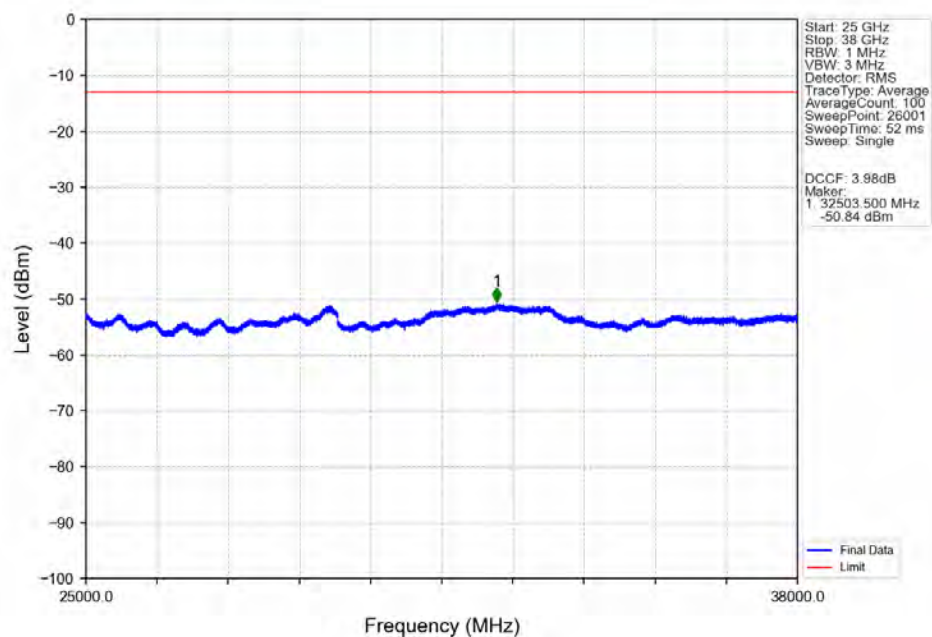
5.2.1 B43d_5MHz



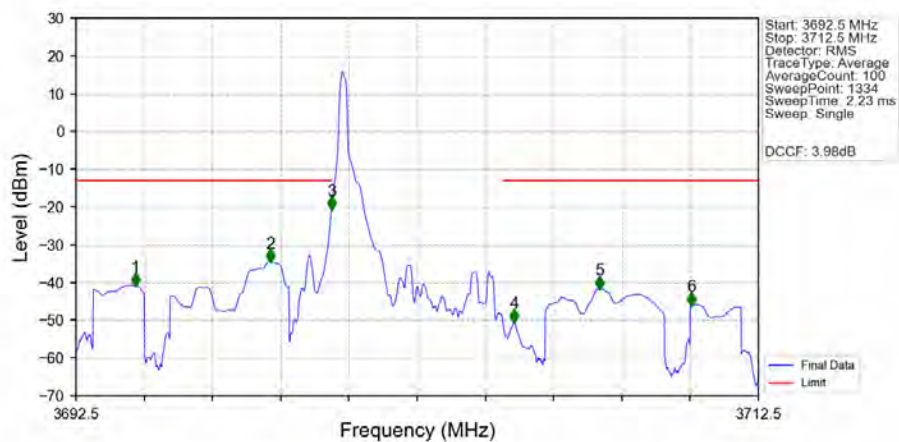
Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV



Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_1_0_NTNV

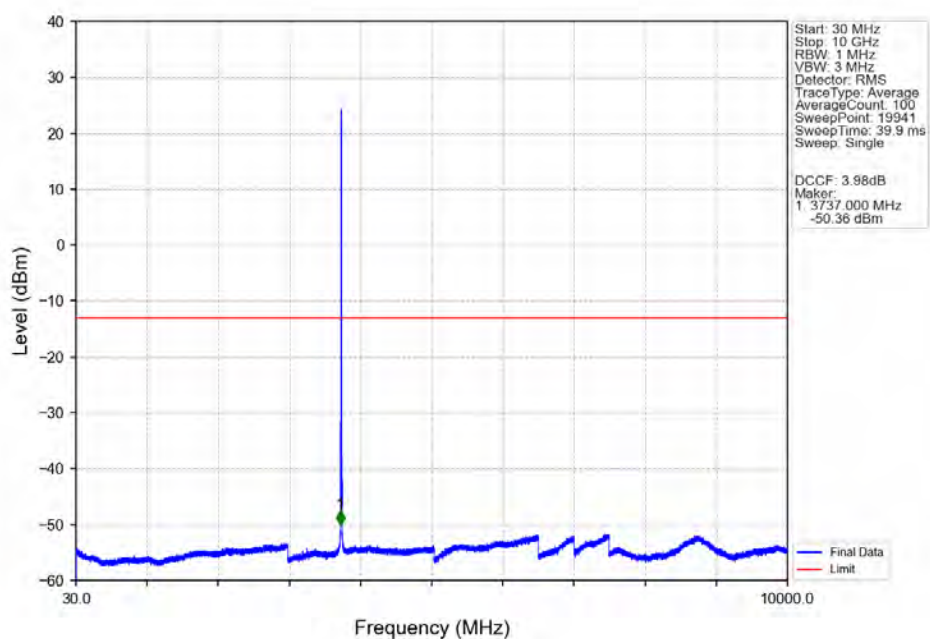


Band43d_5MHz_QPSK_LCH_3702.5MHz_RB_25_0_NTNV

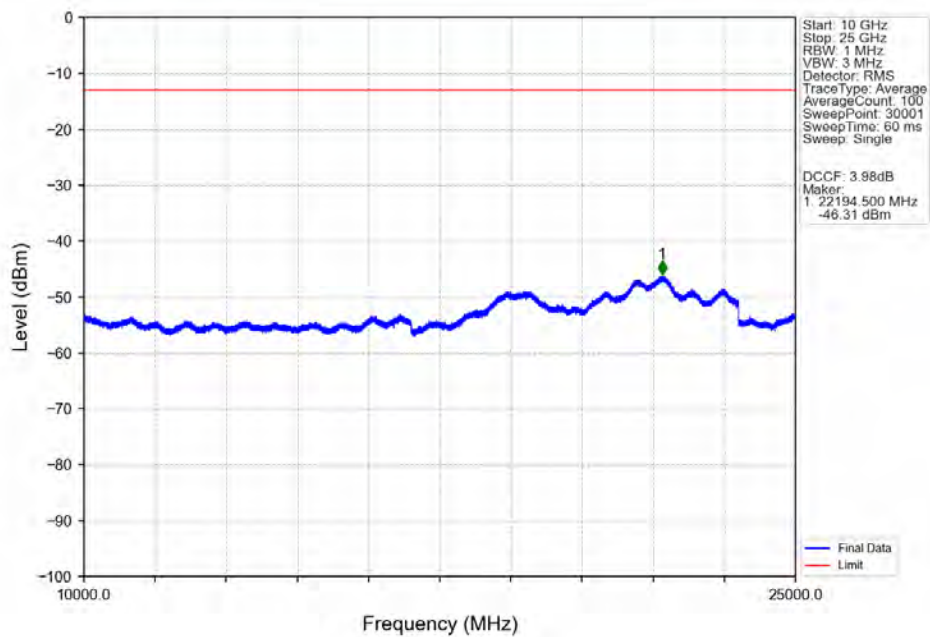


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3694.240	-40.76	-13	Pass
3695	3699	0.5	CHP	2	3698.201	-34.39	-13	Pass
3699	3700	0.051	CHP	3	3699.987	-20.61	-13	Pass
3700	3705	0.051	CHP	/	/	/	/	/
3705	3706	0.051	CHP	4	3705.343	-50.34	-13	Pass
3706	3710	0.5	CHP	5	3707.834	-41.62	-13	Pass
3710	3712.5	1	CHP	6	3710.535	-45.88	-13	Pass

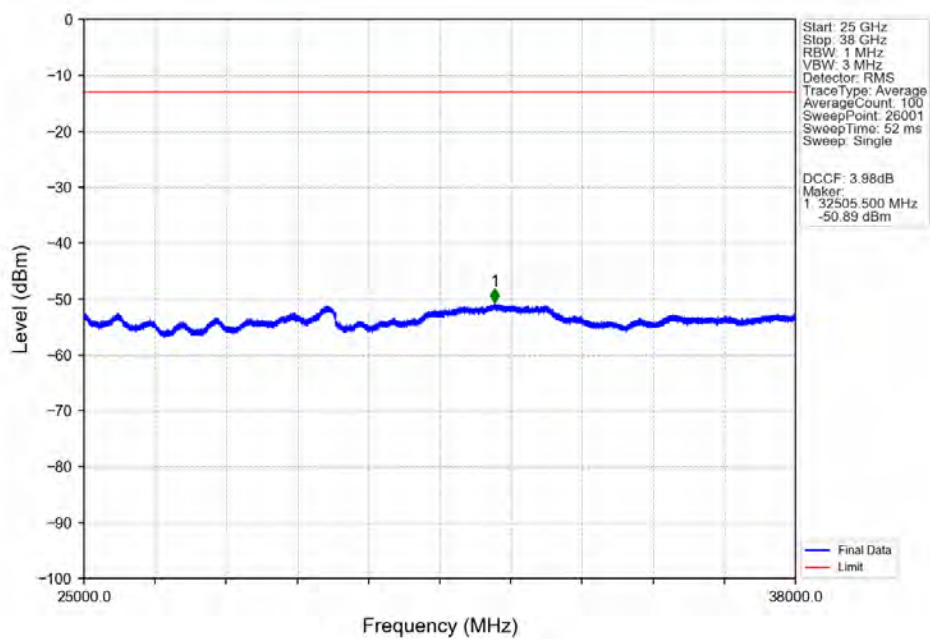
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



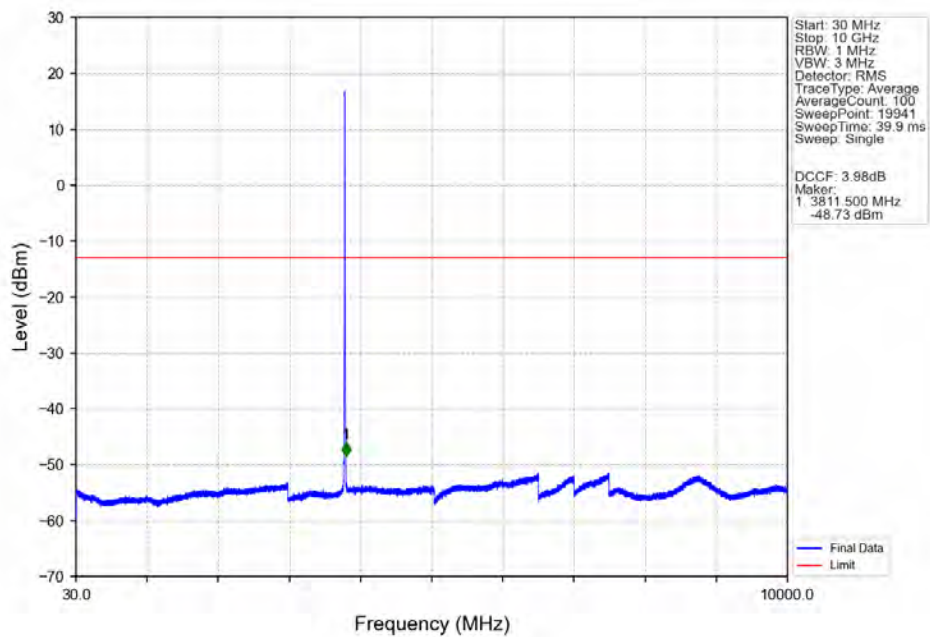
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



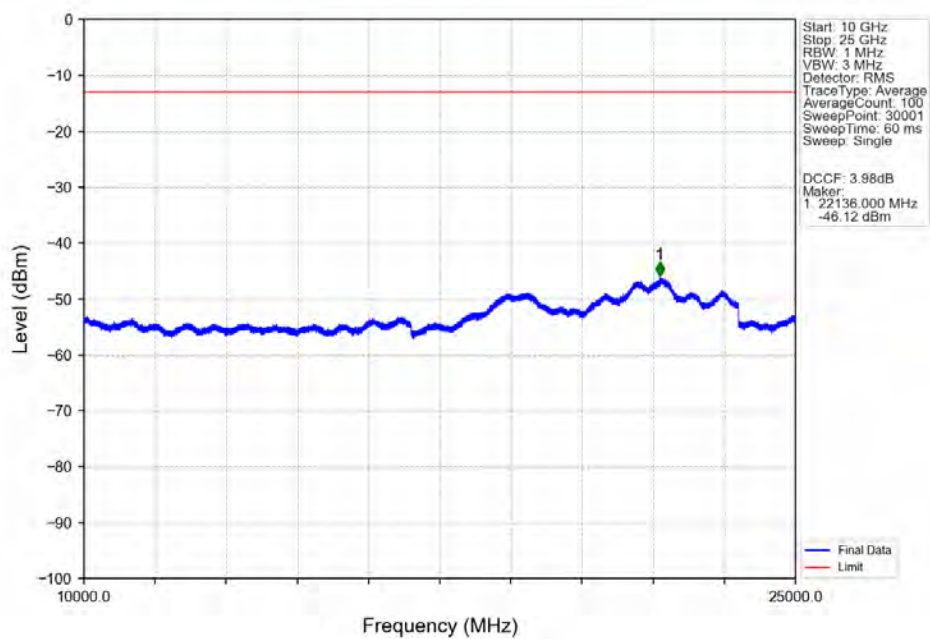
Band43d_5MHz_QPSK_MCH_3750MHz_RB_1_0_NTNV



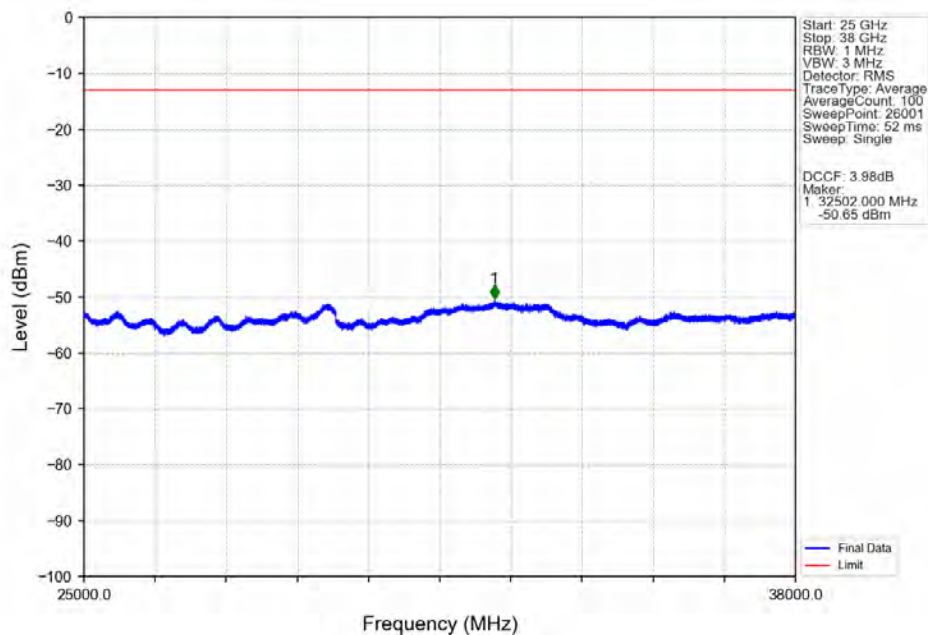
Band43d 5MHz QPSK HCH 3797.5MHz RB 1 0 NTNV



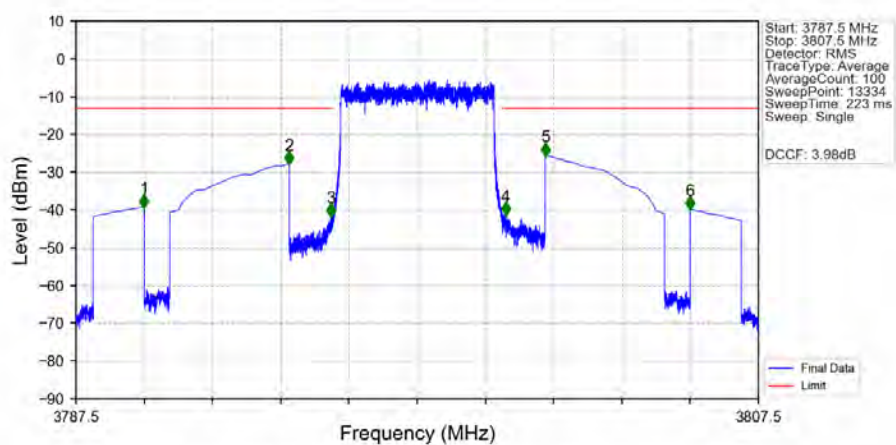
Band43d 5MHz QPSK HCH 3797.5MHz RB 1 0 NTNV



Band43d 5MHz QPSK HCH 3797.5MHz_RB_1_0_NTNV

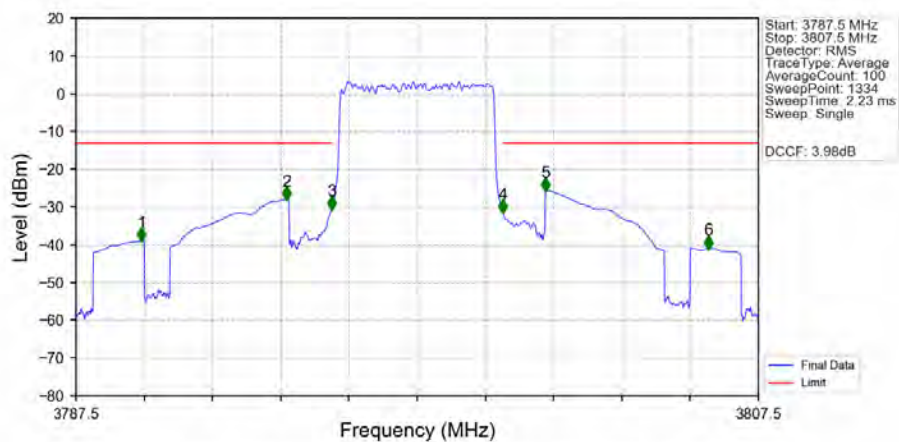


Band43d 5MHz QPSK HCH 3797.5MHz_RB_1_24_NTNV



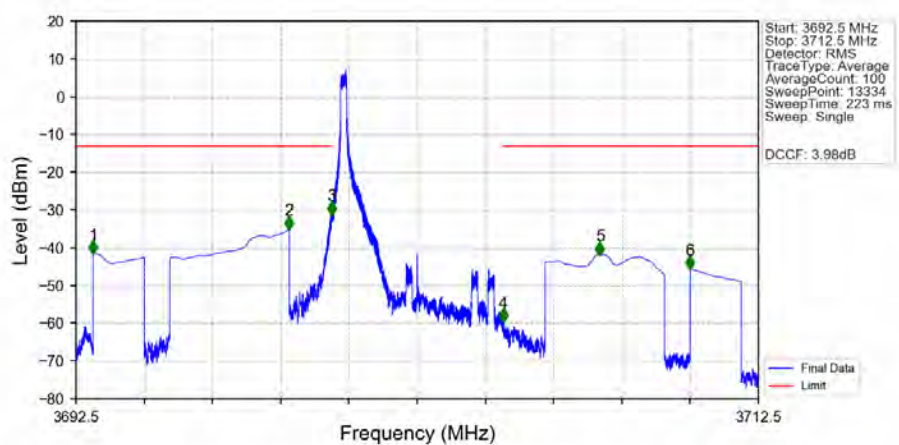
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.497	-39.17	-13	Pass
3790	3794	0.5	CHP	2	3793.746	-27.69	-13	Pass
3794	3795	0.003	/	3	3794.975	-41.68	-13	Pass
3795	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.100	-41.17	-13	Pass
3801	3805	0.5	CHP	5	3801.254	-25.51	-13	Pass
3805	3807.5	1	CHP	6	3805.500	-39.73	-13	Pass

Band43d_5MHz_QPSK_HCH_3797.5MHz_RB_25_0_NTNV



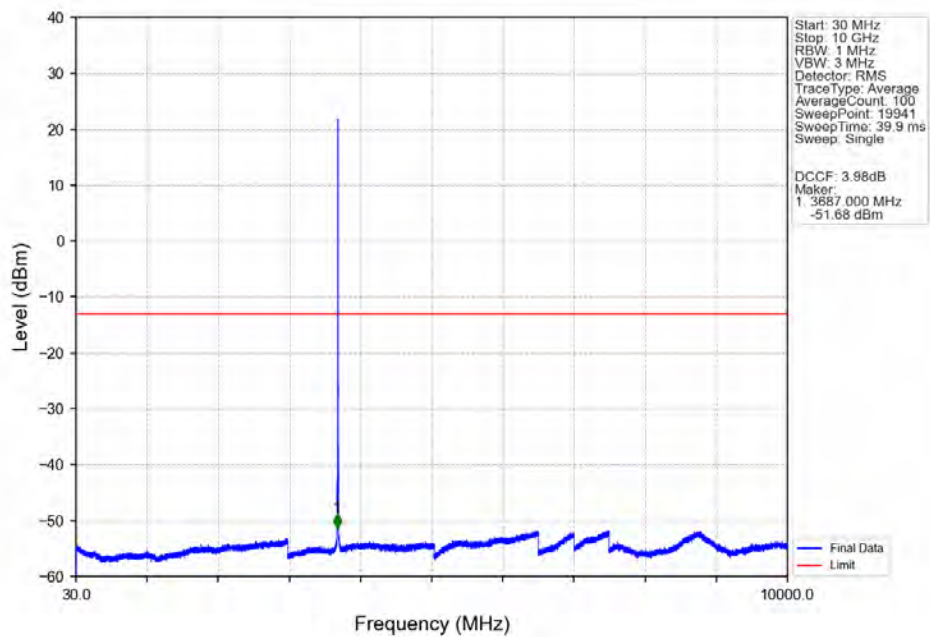
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.420	-38.92	-13	Pass
3790	3794	0.5	CHP	2	3793.682	-27.96	-13	Pass
3794	3795	0.05	CHP	3	3794.987	-30.51	-13	Pass
3795	3800	0.05	CHP	/	/	/	/	/
3800	3801	0.05	CHP	4	3800.013	-31.34	-13	Pass
3801	3805	0.5	CHP	5	3801.258	-25.62	-13	Pass
3805	3807.5	1	CHP	6	3806.045	-40.91	-13	Pass

Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_1_0_NTNV

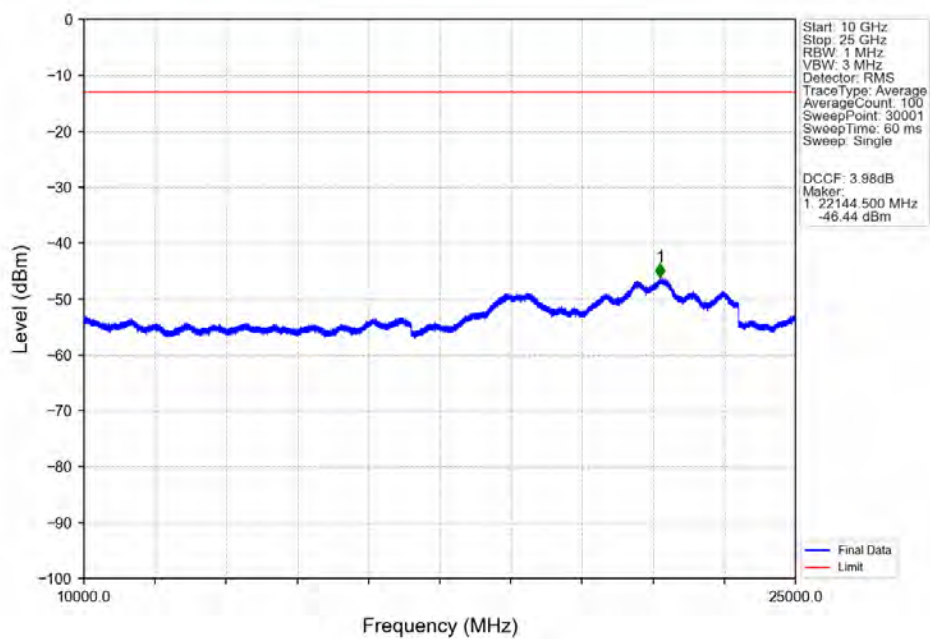


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3693.001	-41.51	-13	Pass
3695	3699	0.5	CHP	2	3698.749	-34.93	-13	Pass
3699	3700	0.003	/	3	3699.996	-31.05	-13	Pass
3700	3705	0.003	/	/	/	/	/	/
3705	3706	0.003	/	4	3705.028	-59.46	-13	Pass
3706	3710	0.5	CHP	5	3707.854	-41.74	-13	Pass
3710	3712.5	1	CHP	6	3710.500	-45.53	-13	Pass

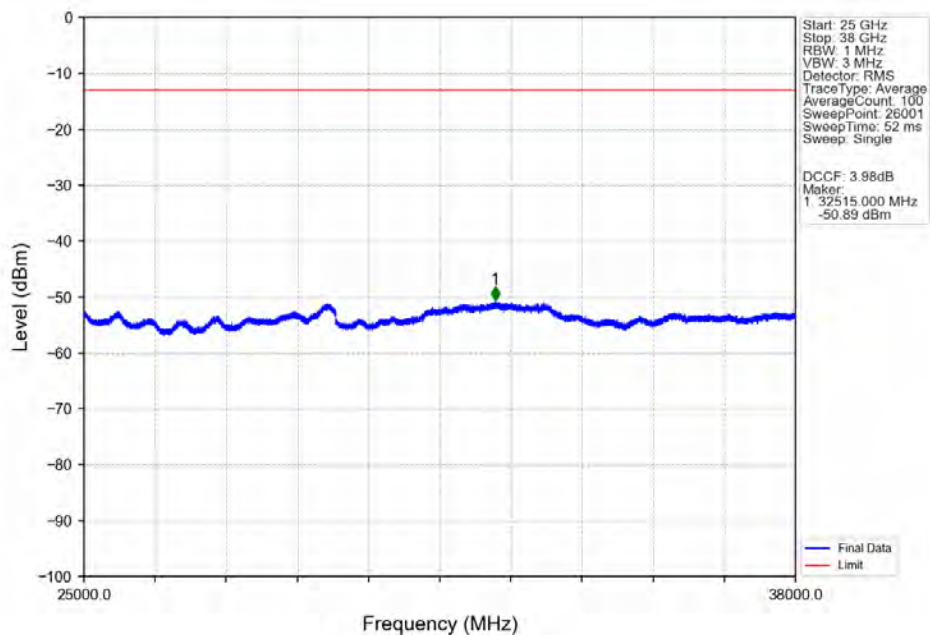
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_1_0_NTNV



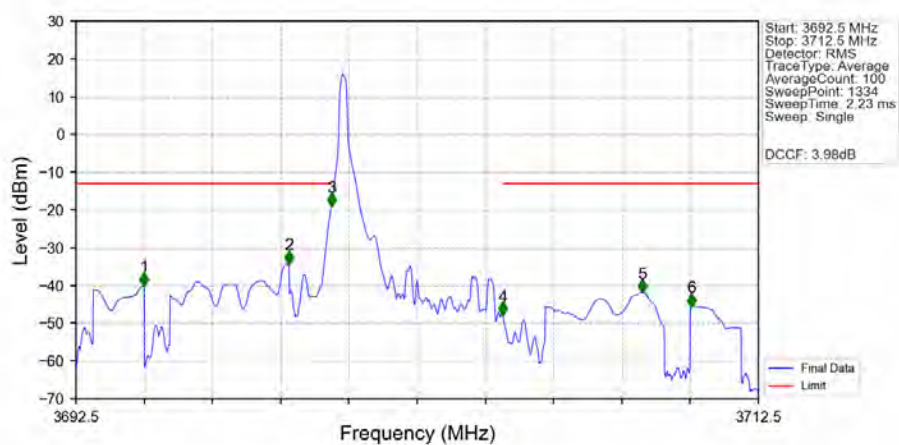
Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_1_0_NTNV



Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_1_0_NTNV

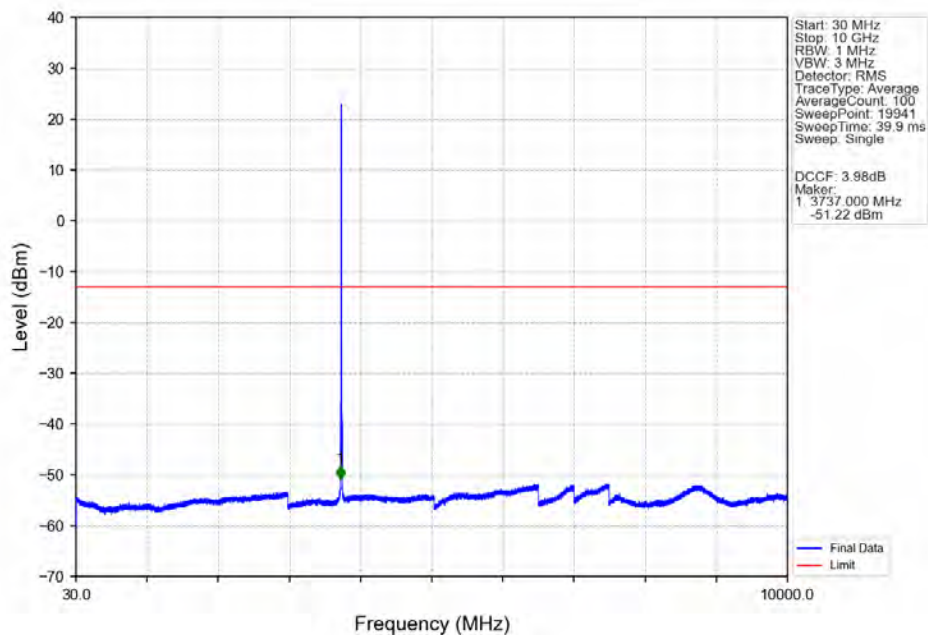


Band43d_5MHz_16QAM_LCH_3702.5MHz_RB_25_0_NTNV

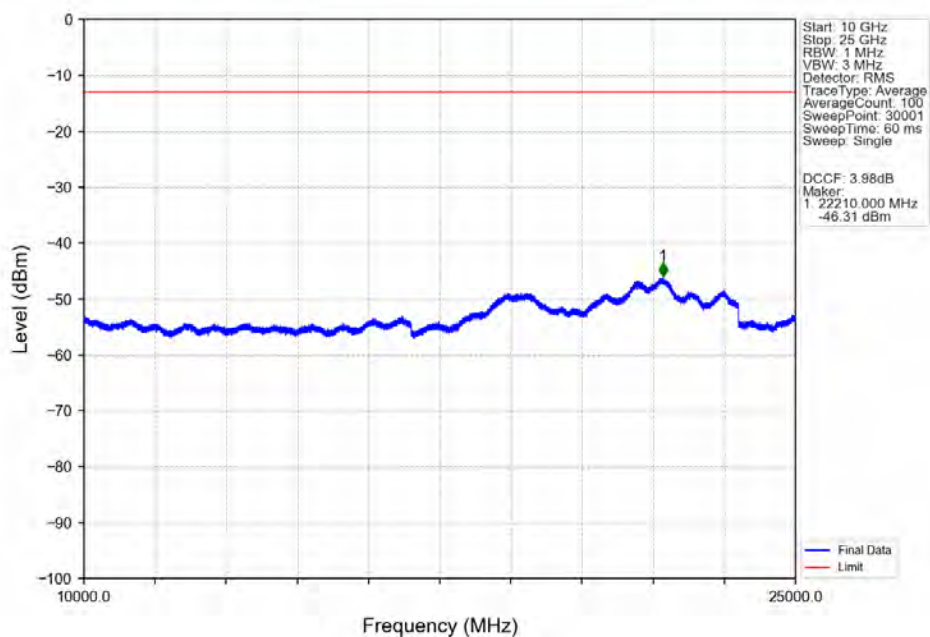


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3694.495	-39.87	-13	Pass
3695	3699	0.5	CHP	2	3698.742	-34.10	-13	Pass
3699	3700	0.051	CHP	3	3699.987	-18.83	-13	Pass
3700	3705	0.051	CHP	/	/	/	/	/
3705	3706	0.051	CHP	4	3705.013	-47.65	-13	Pass
3706	3710	0.5	CHP	5	3709.094	-41.76	-13	Pass
3710	3712.5	1	CHP	6	3710.550	-45.44	-13	Pass

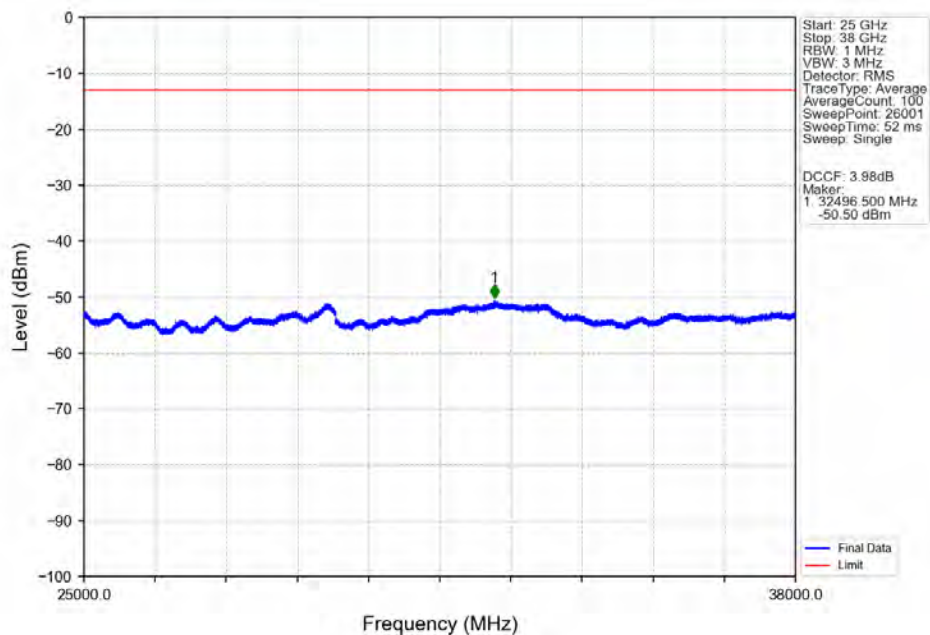
Band43d_5MHz_16QAM_MCH_3750MHz_RB_1_0_NTNV



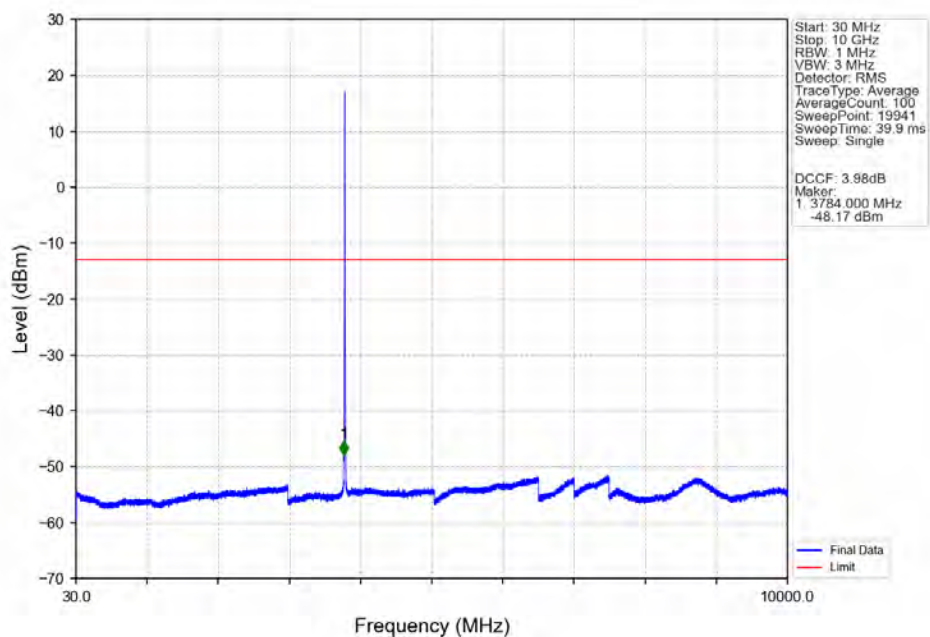
Band43d_5MHz_16QAM_MCH_3750MHz_RB_1_0_NTNV



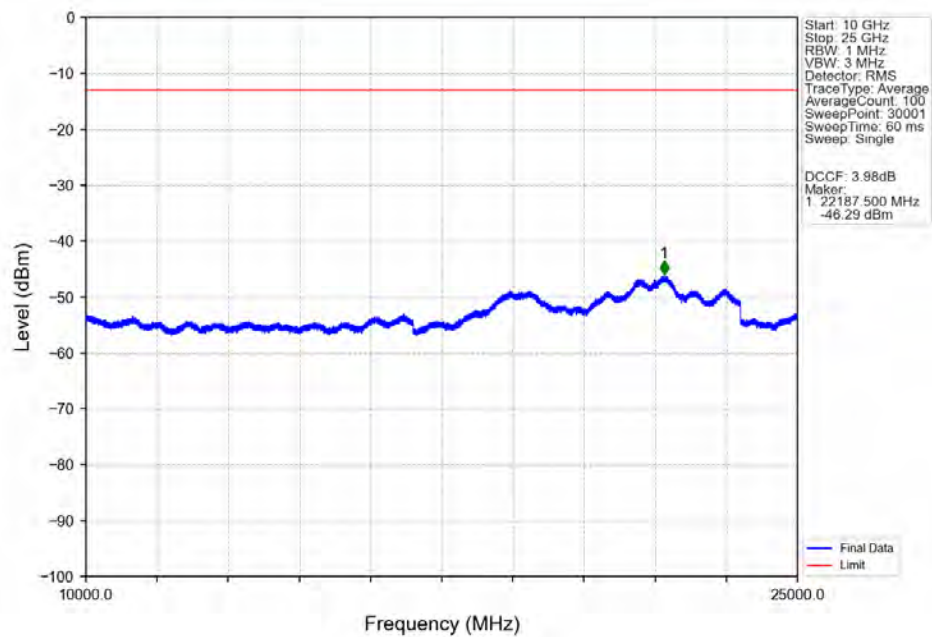
Band43d_5MHz_16QAM_MCH_3750MHz_RB_1_0_NTNV



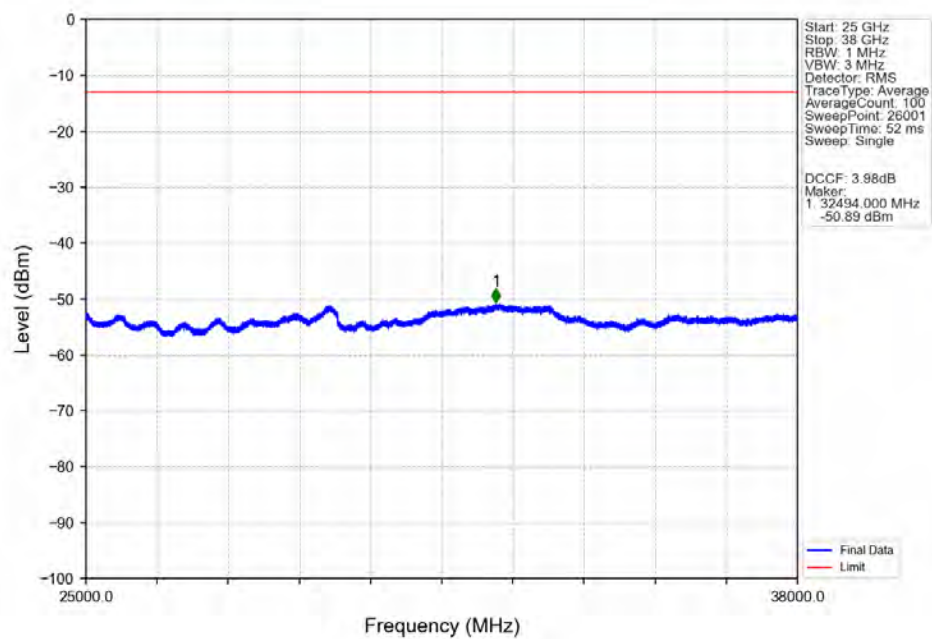
Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_1_0_NTNV



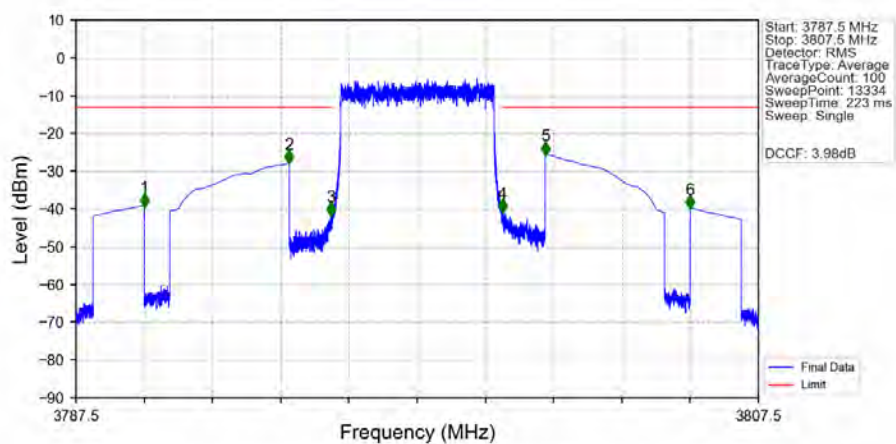
Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_1_0_NTNV



Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_1_0_NTNV

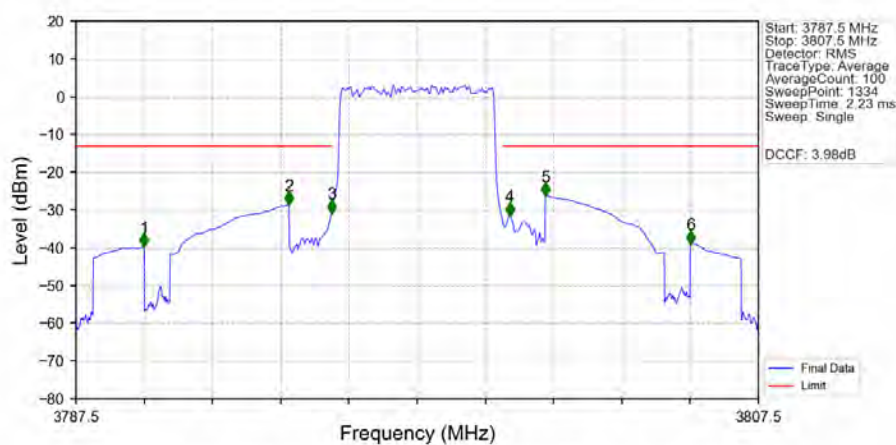


Band43d 5MHz 16QAM HCH 3797.5MHz RB 1 24 NTNV



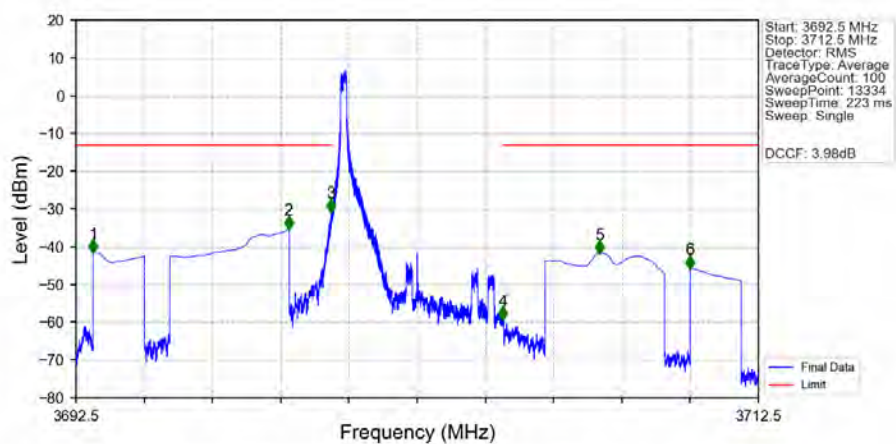
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.500	-39.18	-13	Pass
3790	3794	0.5	CHP	2	3793.746	-27.76	-13	Pass
3794	3795	0.003	/	3	3794.975	-41.67	-13	Pass
3795	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.003	-40.81	-13	Pass
3801	3805	0.5	CHP	5	3801.252	-25.47	-13	Pass
3805	3807.5	1	CHP	6	3805.500	-39.71	-13	Pass

Band43d 5MHz 16QAM HCH 3797.5MHz RB 25 0 NTNV



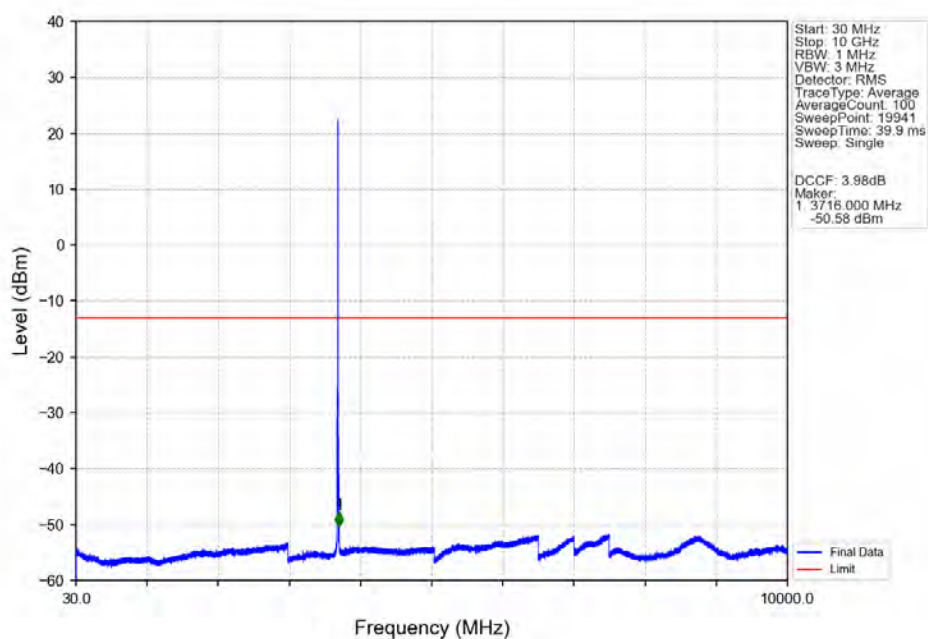
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.495	-39.45	-13	Pass
3790	3794	0.5	CHP	2	3793.742	-28.48	-13	Pass
3794	3795	0.05	CHP	3	3794.987	-30.68	-13	Pass
3795	3800	0.05	CHP	/	/	/	/	/
3800	3801	0.05	CHP	4	3800.208	-31.30	-13	Pass
3801	3805	0.5	CHP	5	3801.258	-25.99	-13	Pass
3805	3807.5	1	CHP	6	3805.505	-38.80	-13	Pass

Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_1_0_NTNV

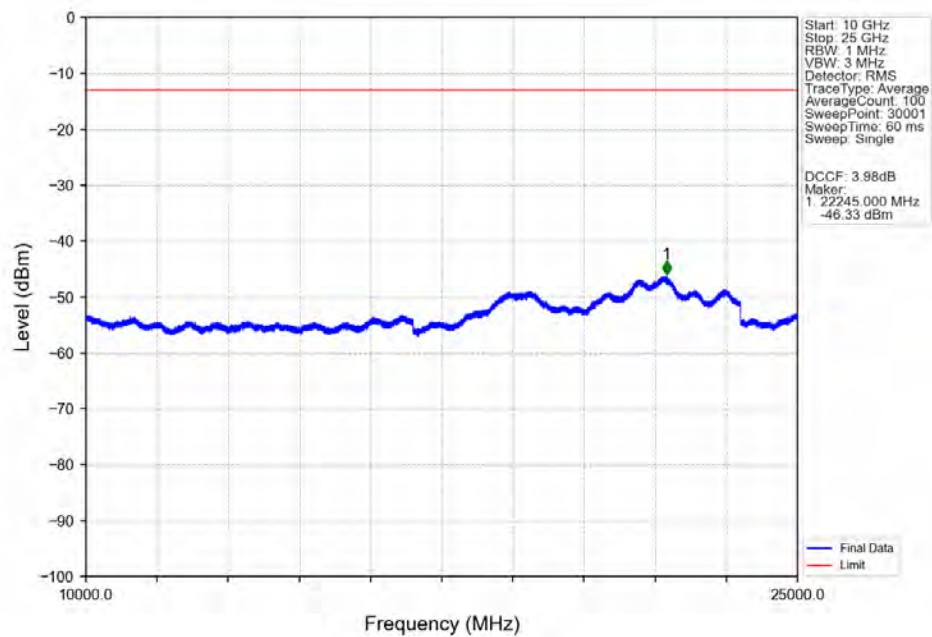


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3693.001	-41.51	-13	Pass
3695	3699	0.5	CHP	2	3698.733	-35.15	-13	Pass
3699	3700	0.003	/	3	3699.979	-30.67	-13	Pass
3700	3705	0.003	/	/	/	/	/	/
3705	3706	0.003	/	4	3705.009	-59.18	-13	Pass
3706	3710	0.5	CHP	5	3707.836	-41.68	-13	Pass
3710	3712.5	1	CHP	6	3710.500	-45.62	-13	Pass

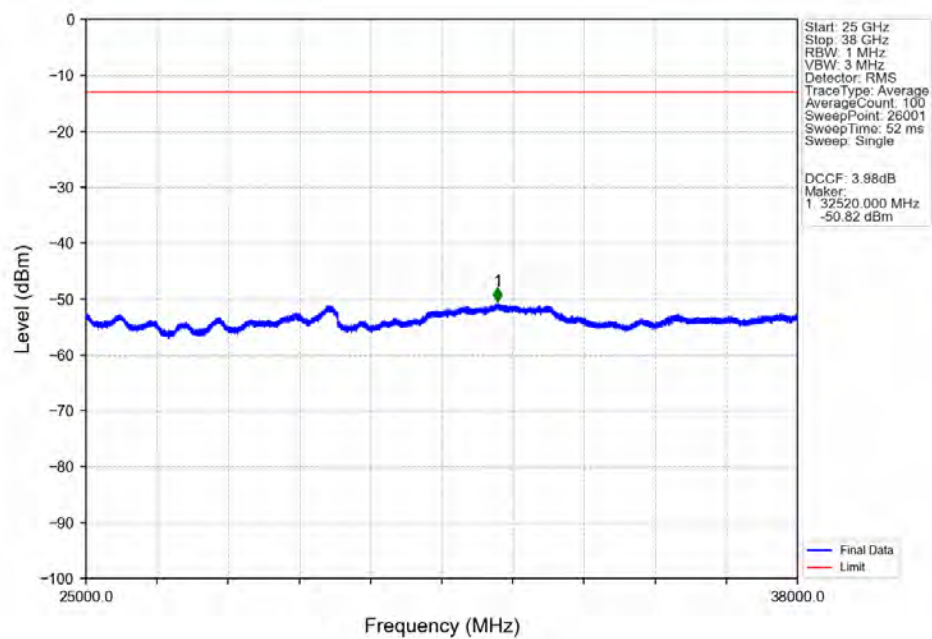
Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_1_0_NTNV



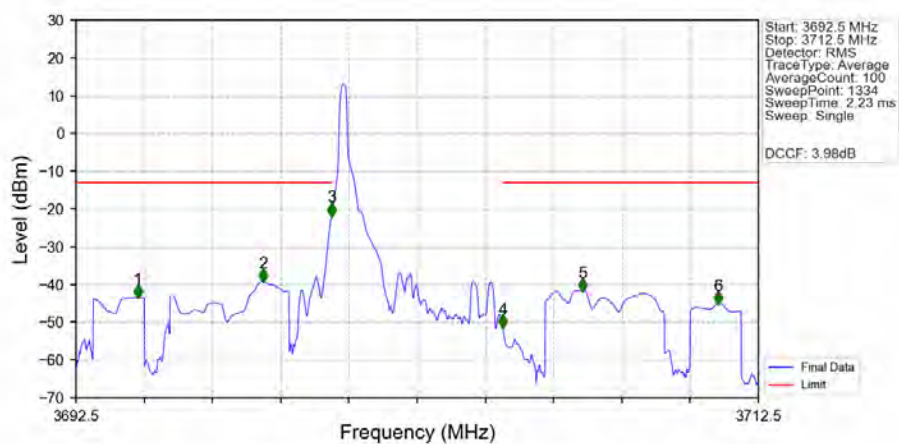
Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_1_0_NTNV



Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_1_0_NTNV

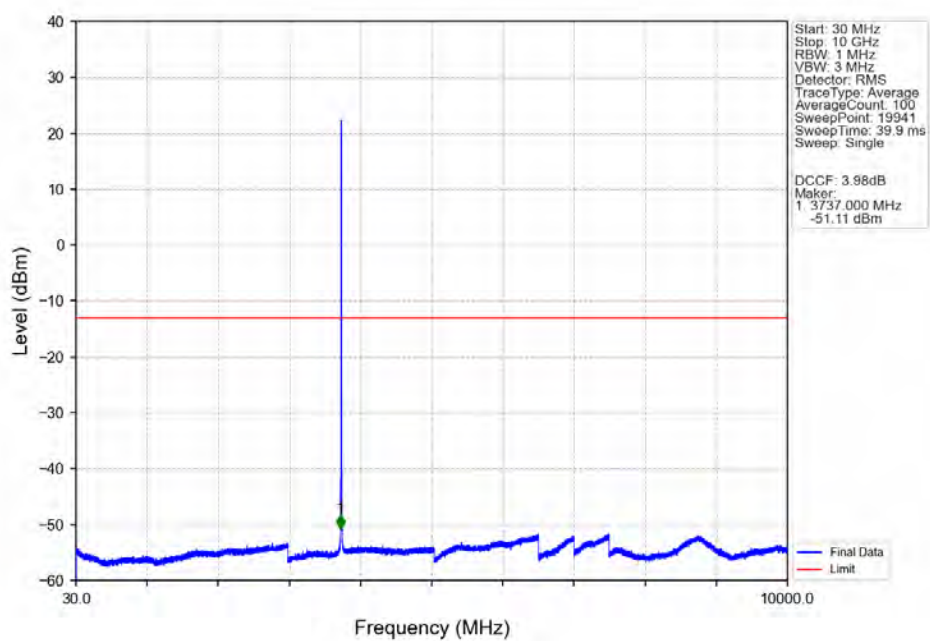


Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV

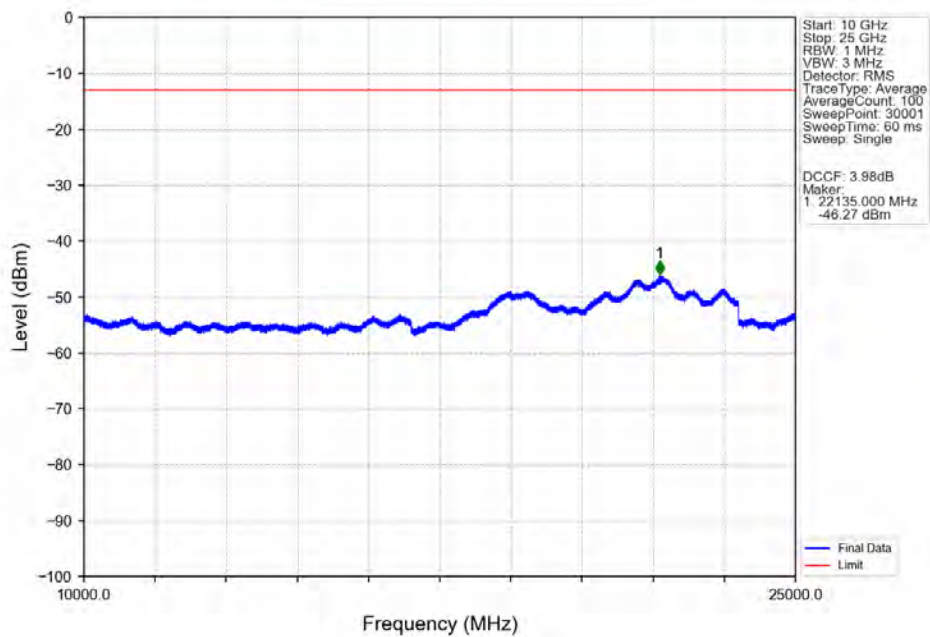


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3694.315	-43.43	-13	Pass
3695	3699	0.5	CHP	2	3697.991	-39.15	-13	Pass
3699	3700	0.051	CHP	3	3699.987	-21.75	-13	Pass
3700	3705	0.051	CHP	/	/	/	/	/
3705	3706	0.051	CHP	4	3705.013	-51.28	-13	Pass
3706	3710	0.5	CHP	5	3707.354	-41.68	-13	Pass
3710	3712.5	1	CHP	6	3711.330	-45.05	-13	Pass

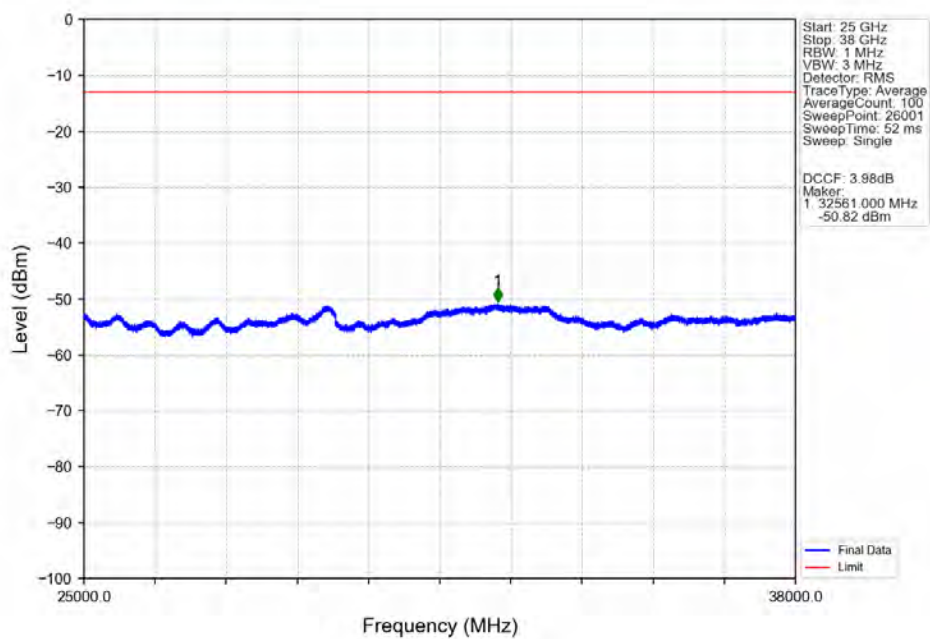
Band43d_5MHz_64QAM_MCH_3750MHz_RB_1_0_NTNV



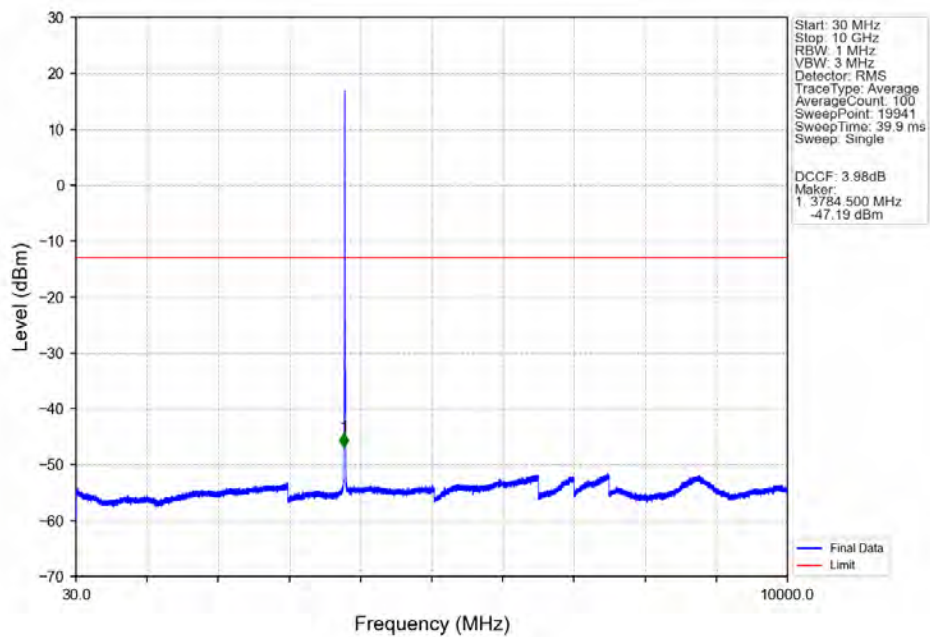
Band43d_5MHz_64QAM_MCH_3750MHz_RB_1_0_NTNV



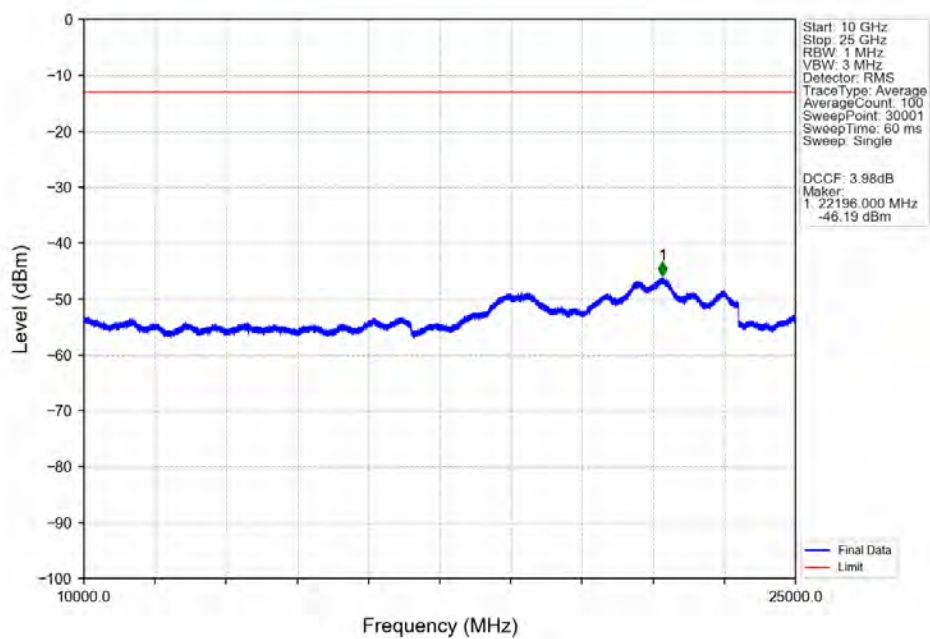
Band43d_5MHz_64QAM_MCH_3750MHz_RB_1_0_NTNV



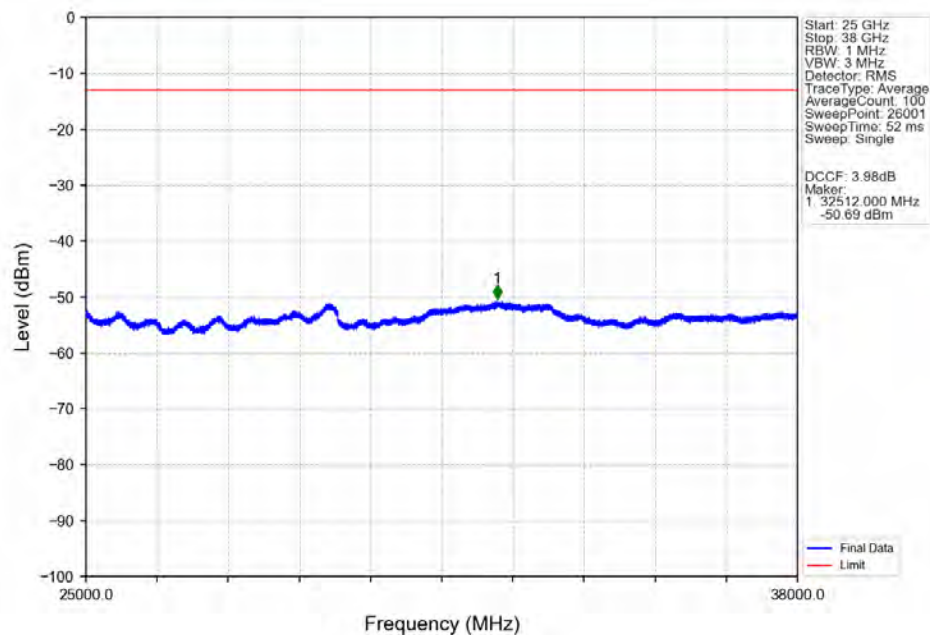
Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_1_0_NTNV



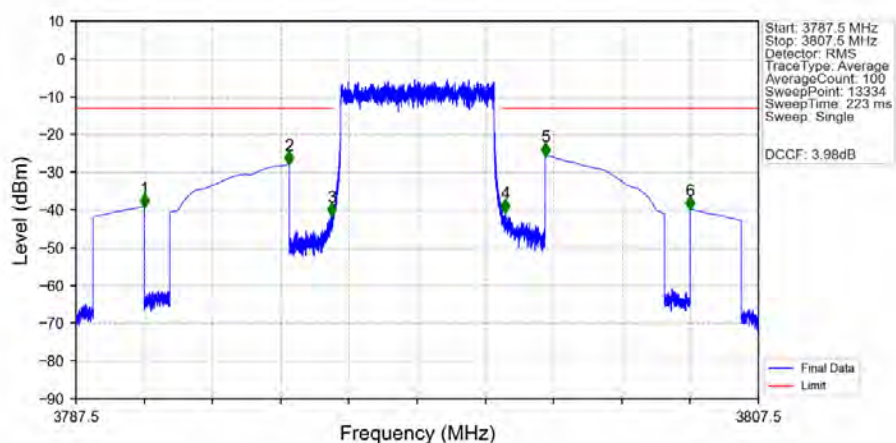
Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_1_0_NTNV



Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_1_0_NTNV

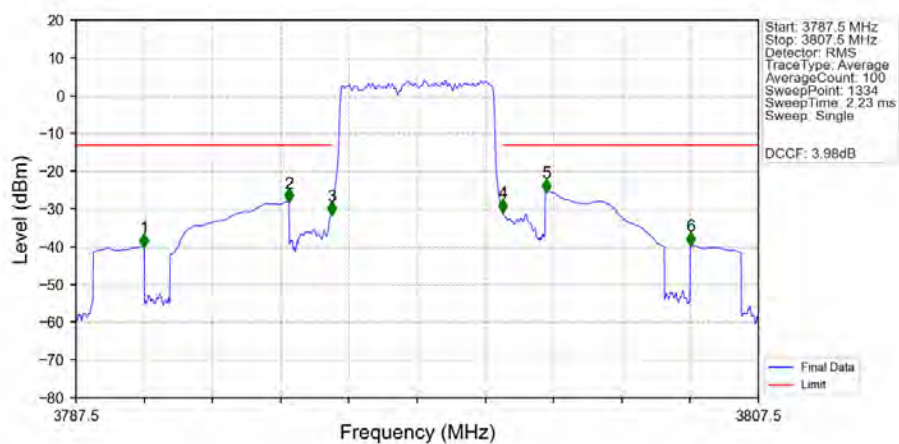


Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_1_24_NTNV



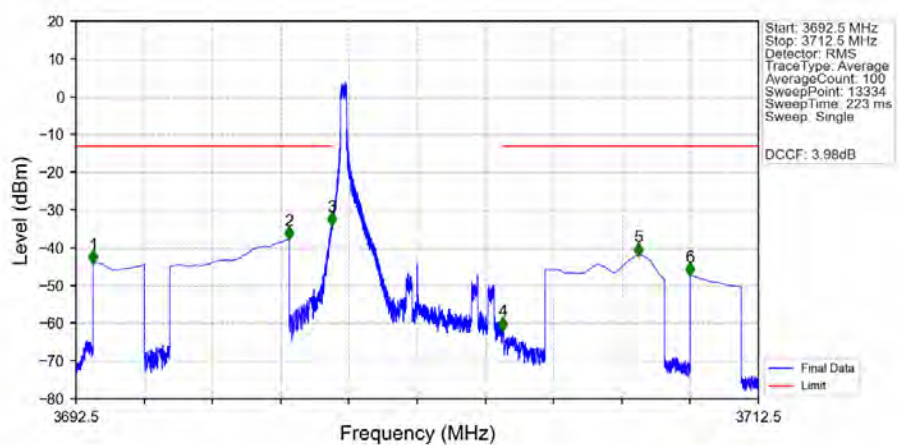
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.498	-39.12	-13	Pass
3790	3794	0.5	CHP	2	3793.748	-27.70	-13	Pass
3794	3795	0.003	/	3	3794.993	-41.39	-13	Pass
3795	3800	0.003	/	/	/	/	/	/
3800	3801	0.003	/	4	3800.085	-40.46	-13	Pass
3801	3805	0.5	CHP	5	3801.254	-25.47	-13	Pass
3805	3807.5	1	CHP	6	3805.500	-39.71	-13	Pass

Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



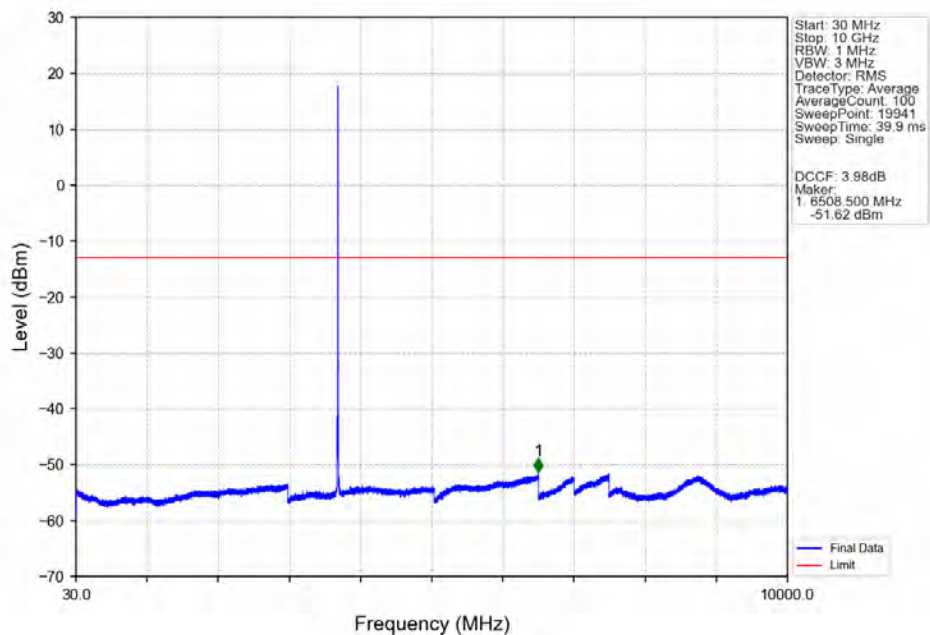
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3787.5	3790	1	CHP	1	3789.495	-39.81	-13	Pass
3790	3794	0.5	CHP	2	3793.742	-27.92	-13	Pass
3794	3795	0.05	CHP	3	3794.987	-31.47	-13	Pass
3795	3800	0.05	CHP	/	/	/	/	/
3800	3801	0.05	CHP	4	3800.013	-30.64	-13	Pass
3801	3805	0.5	CHP	5	3801.273	-25.28	-13	Pass
3805	3807.5	1	CHP	6	3805.505	-39.41	-13	Pass

Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3692.5	3695	1	CHP	1	3693.004	-44.03	-13	Pass
3695	3699	0.5	CHP	2	3698.742	-37.56	-13	Pass
3699	3700	0.003	/	3	3699.996	-34.00	-13	Pass
3700	3705	0.003	/	/	/	/	/	/
3705	3706	0.003	/	4	3705.010	-61.67	-13	Pass
3706	3710	0.5	CHP	5	3708.984	-41.98	-13	Pass
3710	3712.5	1	CHP	6	3710.500	-47.18	-13	Pass

Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_1_0_NTNV



Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_1_0_NTNV

