

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	22.93	0.84	23.77	<=33.01	Pass
			13	23.11	0.84	23.95	<=33.01	Pass
			24	22.93	0.84	23.77	<=33.01	Pass
		12	0	21.88	0.84	22.72	<=33.01	Pass
			6	21.97	0.84	22.81	<=33.01	Pass
			13	22.00	0.84	22.84	<=33.01	Pass
	25	0	21.88	0.84	22.72	<=33.01	Pass	
	2535	1	0	23.61	0.84	24.45	<=33.01	Pass
			13	23.68	0.84	24.52	<=33.01	Pass
			24	23.64	0.84	24.48	<=33.01	Pass
		12	0	22.50	0.84	23.34	<=33.01	Pass
			6	22.52	0.84	23.36	<=33.01	Pass
			13	22.48	0.84	23.32	<=33.01	Pass
	25	0	22.50	0.84	23.34	<=33.01	Pass	
	2567.5	1	0	23.81	0.84	24.65	<=33.01	Pass
			13	24.03	0.84	24.87	<=33.01	Pass
			24	23.75	0.84	24.59	<=33.01	Pass
		12	0	22.55	0.84	23.39	<=33.01	Pass
6			22.88	0.84	23.72	<=33.01	Pass	
13			22.97	0.84	23.81	<=33.01	Pass	
25	0	22.86	0.84	23.70	<=33.01	Pass		
16QAM	2502.5	1	0	21.68	0.84	22.52	<=33.01	Pass
			13	21.69	0.84	22.53	<=33.01	Pass
			24	21.63	0.84	22.47	<=33.01	Pass
		12	0	20.84	0.84	21.68	<=33.01	Pass
			6	20.93	0.84	21.77	<=33.01	Pass
			13	20.97	0.84	21.81	<=33.01	Pass
	25	0	21.13	0.84	21.97	<=33.01	Pass	
	2535	1	0	22.18	0.84	23.02	<=33.01	Pass
			13	22.28	0.84	23.12	<=33.01	Pass
			24	22.23	0.84	23.07	<=33.01	Pass
		12	0	21.38	0.84	22.22	<=33.01	Pass
			6	21.48	0.84	22.32	<=33.01	Pass
			13	21.41	0.84	22.25	<=33.01	Pass
	25	0	21.69	0.84	22.53	<=33.01	Pass	
	2567.5	1	0	22.35	0.84	23.19	<=33.01	Pass
			13	22.60	0.84	23.44	<=33.01	Pass
			24	22.84	0.84	23.68	<=33.01	Pass
		12	0	21.95	0.84	22.79	<=33.01	Pass
6			22.00	0.84	22.84	<=33.01	Pass	
13			22.00	0.84	22.84	<=33.01	Pass	
25	0	21.87	0.84	22.71	<=33.01	Pass		
64QAM	2502.5	1	0	21.71	0.84	22.55	<=33.01	Pass
			13	21.78	0.84	22.62	<=33.01	Pass
			24	20.97	0.84	21.81	<=33.01	Pass
		12	0	20.57	0.84	21.41	<=33.01	Pass
			6	20.71	0.84	21.55	<=33.01	Pass
			13	20.61	0.84	21.45	<=33.01	Pass
25	0	20.92	0.84	21.76	<=33.01	Pass		

	2535	1	0	22.09	0.84	22.93	<=33.01	Pass	
			13	21.85	0.84	22.69	<=33.01	Pass	
			24	21.38	0.84	22.22	<=33.01	Pass	
		12	0	21.28	0.84	22.12	<=33.01	Pass	
			6	21.51	0.84	22.35	<=33.01	Pass	
			13	21.46	0.84	22.30	<=33.01	Pass	
		25	0	21.37	0.84	22.21	<=33.01	Pass	
		2567.5	1	0	22.53	0.84	23.37	<=33.01	Pass
				13	22.70	0.84	23.54	<=33.01	Pass
	24			22.42	0.84	23.26	<=33.01	Pass	
	12		0	21.90	0.84	22.74	<=33.01	Pass	
			6	21.97	0.84	22.81	<=33.01	Pass	
			13	22.05	0.84	22.89	<=33.01	Pass	
	25	0	22.15	0.84	22.99	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTNv									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2505	1	0	23.13	0.84	23.97	<=33.01	Pass	
			25	23.17	0.84	24.01	<=33.01	Pass	
			49	23.16	0.84	24.00	<=33.01	Pass	
		25	0	21.98	0.84	22.82	<=33.01	Pass	
			13	22.03	0.84	22.87	<=33.01	Pass	
			25	21.98	0.84	22.82	<=33.01	Pass	
		50	0	22.02	0.84	22.86	<=33.01	Pass	
		2535	1	0	23.68	0.84	24.52	<=33.01	Pass
				25	23.97	0.84	24.81	<=33.01	Pass
	49			23.76	0.84	24.60	<=33.01	Pass	
	25		0	22.31	0.84	23.15	<=33.01	Pass	
			13	22.58	0.84	23.42	<=33.01	Pass	
			25	22.47	0.84	23.31	<=33.01	Pass	
	50		0	22.53	0.84	23.37	<=33.01	Pass	
	2565		1	0	24.16	0.84	25.00	<=33.01	Pass
				25	24.23	0.84	25.07	<=33.01	Pass
		49		24.23	0.84	25.07	<=33.01	Pass	
		25	0	23.01	0.84	23.85	<=33.01	Pass	
			13	22.88	0.84	23.72	<=33.01	Pass	
			25	22.91	0.84	23.75	<=33.01	Pass	
	50	0	22.59	0.84	23.43	<=33.01	Pass		
	16QAM	2505	1	0	21.23	0.84	22.07	<=33.01	Pass
				25	21.88	0.84	22.72	<=33.01	Pass
				49	21.41	0.84	22.25	<=33.01	Pass
25			0	20.97	0.84	21.81	<=33.01	Pass	
			13	21.22	0.84	22.06	<=33.01	Pass	
			25	21.07	0.84	21.91	<=33.01	Pass	
50			0	20.92	0.84	21.76	<=33.01	Pass	
2535			1	0	22.13	0.84	22.97	<=33.01	Pass
				25	22.85	0.84	23.69	<=33.01	Pass
		49		21.89	0.84	22.73	<=33.01	Pass	
		25	0	21.43	0.84	22.27	<=33.01	Pass	
			13	21.46	0.84	22.30	<=33.01	Pass	
			25	21.37	0.84	22.21	<=33.01	Pass	
50		0	21.58	0.84	22.42	<=33.01	Pass		
2565		1	0	22.79	0.84	23.63	<=33.01	Pass	

64QAM	2505	25	25	23.17	0.84	24.01	<=33.01	Pass	
			49	23.11	0.84	23.95	<=33.01	Pass	
			0	22.12	0.84	22.96	<=33.01	Pass	
		50	1	13	22.26	0.84	23.10	<=33.01	Pass
				25	22.21	0.84	23.05	<=33.01	Pass
				0	21.95	0.84	22.79	<=33.01	Pass
		25	1	0	21.66	0.84	22.50	<=33.01	Pass
				25	21.80	0.84	22.64	<=33.01	Pass
				49	21.37	0.84	22.21	<=33.01	Pass
		50	25	0	21.02	0.84	21.86	<=33.01	Pass
				13	21.18	0.84	22.02	<=33.01	Pass
				25	21.14	0.84	21.98	<=33.01	Pass
		2535	1	0	21.08	0.84	21.92	<=33.01	Pass
				0	22.07	0.84	22.91	<=33.01	Pass
				25	22.49	0.84	23.33	<=33.01	Pass
25	1		49	21.64	0.84	22.48	<=33.01	Pass	
			0	21.66	0.84	22.50	<=33.01	Pass	
			13	21.61	0.84	22.45	<=33.01	Pass	
50	25		25	21.35	0.84	22.19	<=33.01	Pass	
			0	21.72	0.84	22.56	<=33.01	Pass	
			0	22.23	0.84	23.07	<=33.01	Pass	
2565	1		25	22.53	0.84	23.37	<=33.01	Pass	
			49	22.26	0.84	23.10	<=33.01	Pass	
			0	21.97	0.84	22.81	<=33.01	Pass	
	25	1	13	21.99	0.84	22.83	<=33.01	Pass	
			25	21.94	0.84	22.78	<=33.01	Pass	
			0	21.94	0.84	22.78	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2507.5	1	0	23.14	0.84	23.98	<=33.01	Pass		
			38	23.28	0.84	24.12	<=33.01	Pass		
			74	23.24	0.84	24.08	<=33.01	Pass		
		36	0	22.08	0.84	22.92	<=33.01	Pass		
			18	21.98	0.84	22.82	<=33.01	Pass		
			39	21.95	0.84	22.79	<=33.01	Pass		
		75	0	22.02	0.84	22.86	<=33.01	Pass		
		2535	1	0	23.62	0.84	24.46	<=33.01	Pass	
				38	23.67	0.84	24.51	<=33.01	Pass	
	74			23.62	0.84	24.46	<=33.01	Pass		
	36		0	22.67	0.84	23.51	<=33.01	Pass		
			18	22.64	0.84	23.48	<=33.01	Pass		
			39	22.53	0.84	23.37	<=33.01	Pass		
	75	0	22.44	0.84	23.28	<=33.01	Pass			
	2562.5	1	0	23.70	0.84	24.54	<=33.01	Pass		
			38	23.81	0.84	24.65	<=33.01	Pass		
			74	24.14	0.84	24.98	<=33.01	Pass		
		36	0	22.82	0.84	23.66	<=33.01	Pass		
			18	22.94	0.84	23.78	<=33.01	Pass		
			39	22.88	0.84	23.72	<=33.01	Pass		
		75	0	22.36	0.84	23.20	<=33.01	Pass		
		16QAM	2507.5	1	0	21.34	0.84	22.18	<=33.01	Pass
					38	21.88	0.84	22.72	<=33.01	Pass

64QAM	2535	36	74	21.66	0.84	22.50	<=33.01	Pass	
			0	21.06	0.84	21.90	<=33.01	Pass	
			18	21.11	0.84	21.95	<=33.01	Pass	
			39	21.00	0.84	21.84	<=33.01	Pass	
		75	0	21.10	0.84	21.94	<=33.01	Pass	
		1	0	22.50	0.84	23.34	<=33.01	Pass	
			38	22.59	0.84	23.43	<=33.01	Pass	
			74	21.77	0.84	22.61	<=33.01	Pass	
			0	21.26	0.84	22.10	<=33.01	Pass	
		36	18	21.50	0.84	22.34	<=33.01	Pass	
			39	21.56	0.84	22.40	<=33.01	Pass	
			75	0	21.65	0.84	22.49	<=33.01	Pass
	0		22.39	0.84	23.23	<=33.01	Pass		
	2562.5	1	38	22.37	0.84	23.21	<=33.01	Pass	
			74	22.41	0.84	23.25	<=33.01	Pass	
			0	21.85	0.84	22.69	<=33.01	Pass	
			18	21.97	0.84	22.81	<=33.01	Pass	
		36	39	21.82	0.84	22.66	<=33.01	Pass	
			75	0	21.49	0.84	22.33	<=33.01	Pass
			0	21.90	0.84	22.74	<=33.01	Pass	
			38	21.75	0.84	22.59	<=33.01	Pass	
		2507.5	1	74	21.41	0.84	22.25	<=33.01	Pass
				0	21.04	0.84	21.88	<=33.01	Pass
				18	21.21	0.84	22.05	<=33.01	Pass
39				21.08	0.84	21.92	<=33.01	Pass	
75	0		20.99	0.84	21.83	<=33.01	Pass		
2535	1		0	21.82	0.84	22.66	<=33.01	Pass	
			38	22.26	0.84	23.10	<=33.01	Pass	
			74	22.09	0.84	22.93	<=33.01	Pass	
			0	21.64	0.84	22.48	<=33.01	Pass	
	36		18	21.79	0.84	22.63	<=33.01	Pass	
			39	21.77	0.84	22.61	<=33.01	Pass	
			75	0	21.58	0.84	22.42	<=33.01	Pass
		0	22.41	0.84	23.25	<=33.01	Pass		
	2562.5	1	38	22.14	0.84	22.98	<=33.01	Pass	
			74	22.08	0.84	22.92	<=33.01	Pass	
			0	21.85	0.84	22.69	<=33.01	Pass	
			18	21.65	0.84	22.49	<=33.01	Pass	
36		39	21.96	0.84	22.80	<=33.01	Pass		
		75	0	21.44	0.84	22.28	<=33.01	Pass	
		0	21.90	0.84	22.74	<=33.01	Pass		
		38	21.75	0.84	22.59	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	2510	1	0	22.99	0.84	23.83	<=33.01	Pass	
			50	23.24	0.84	24.08	<=33.01	Pass	
			99	23.21	0.84	24.05	<=33.01	Pass	
		50	0	21.94	0.84	22.78	<=33.01	Pass	
			25	22.00	0.84	22.84	<=33.01	Pass	
			50	21.81	0.84	22.65	<=33.01	Pass	
	2535	100	0	21.85	0.84	22.69	<=33.01	Pass	
			1	0	23.41	0.84	24.25	<=33.01	Pass
				50	23.65	0.84	24.49	<=33.01	Pass
		99		23.56	0.84	24.40	<=33.01	Pass	

		50	0	22.38	0.84	23.22	<=33.01	Pass		
			25	22.57	0.84	23.41	<=33.01	Pass		
			50	22.41	0.84	23.25	<=33.01	Pass		
		100	0	22.35	0.84	23.19	<=33.01	Pass		
			1	0	23.20	0.84	24.04	<=33.01	Pass	
				50	23.53	0.84	24.37	<=33.01	Pass	
	99	24.12		0.84	24.96	<=33.01	Pass			
	2560	50	0	22.66	0.84	23.50	<=33.01	Pass		
			25	22.70	0.84	23.54	<=33.01	Pass		
			50	22.55	0.84	23.39	<=33.01	Pass		
		100	0	22.64	0.84	23.48	<=33.01	Pass		
			16QAM	2510	1	0	21.49	0.84	22.33	<=33.01
50						21.91	0.84	22.75	<=33.01	Pass
99	21.98	0.84				22.82	<=33.01	Pass		
50	0	21.06			0.84	21.90	<=33.01	Pass		
	25	20.99			0.84	21.83	<=33.01	Pass		
	50	20.78			0.84	21.62	<=33.01	Pass		
100	0	20.85		0.84	21.69	<=33.01	Pass			
	2535	1		0	22.07	0.84	22.91	<=33.01	Pass	
				50	22.55	0.84	23.39	<=33.01	Pass	
99				21.72	0.84	22.56	<=33.01	Pass		
50		0		21.44	0.84	22.28	<=33.01	Pass		
		25		21.60	0.84	22.44	<=33.01	Pass		
		50	21.59	0.84	22.43	<=33.01	Pass			
100	0	21.55	0.84	22.39	<=33.01	Pass				
	2560	1	0	21.84	0.84	22.68	<=33.01	Pass		
			50	22.54	0.84	23.38	<=33.01	Pass		
99			22.75	0.84	23.59	<=33.01	Pass			
50		0	21.77	0.84	22.61	<=33.01	Pass			
		25	21.79	0.84	22.63	<=33.01	Pass			
		50	21.74	0.84	22.58	<=33.01	Pass			
100	0	21.63	0.84	22.47	<=33.01	Pass				
	64QAM	2510	1	0	21.57	0.84	22.41	<=33.01	Pass	
				50	21.35	0.84	22.19	<=33.01	Pass	
99				21.00	0.84	21.84	<=33.01	Pass		
50			0	21.00	0.84	21.84	<=33.01	Pass		
			25	21.04	0.84	21.88	<=33.01	Pass		
			50	20.97	0.84	21.81	<=33.01	Pass		
100		0	20.81	0.84	21.65	<=33.01	Pass			
		2535	1	0	22.02	0.84	22.86	<=33.01	Pass	
				50	22.46	0.84	23.30	<=33.01	Pass	
99				21.96	0.84	22.80	<=33.01	Pass		
50			0	21.40	0.84	22.24	<=33.01	Pass		
			25	21.62	0.84	22.46	<=33.01	Pass		
	50		21.55	0.84	22.39	<=33.01	Pass			
100	0	21.37	0.84	22.21	<=33.01	Pass				
	2560	1	0	21.99	0.84	22.83	<=33.01	Pass		
			50	22.50	0.84	23.34	<=33.01	Pass		
99			22.76	0.84	23.60	<=33.01	Pass			
50		0	21.55	0.84	22.39	<=33.01	Pass			
		25	21.87	0.84	22.71	<=33.01	Pass			
		50	21.97	0.84	22.81	<=33.01	Pass			
100	0	21.67	0.84	22.51	<=33.01	Pass				
	Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	20.4	5.200	0.0021	-2.5 to 2.5	Pass
					24	1.500	0.0006	-2.5 to 2.5	Pass
					27.6	0.300	0.0001	-2.5 to 2.5	Pass
				-30	24	1.100	0.0004	-2.5 to 2.5	Pass
				-20	24	3.500	0.0014	-2.5 to 2.5	Pass
				-10	24	1.800	0.0007	-2.5 to 2.5	Pass
				0	24	4.500	0.0018	-2.5 to 2.5	Pass
				10	24	6.600	0.0026	-2.5 to 2.5	Pass
				30	24	4.300	0.0017	-2.5 to 2.5	Pass
				40	24	4.700	0.0019	-2.5 to 2.5	Pass
	50	24	6.300	0.0025	-2.5 to 2.5	Pass			
	2535	25	0	20	20.4	-3.900	-0.0015	-2.5 to 2.5	Pass
					24	-4.200	-0.0017	-2.5 to 2.5	Pass
					27.6	-1.700	-0.0007	-2.5 to 2.5	Pass
				-30	24	-1.100	-0.0004	-2.5 to 2.5	Pass
				-20	24	-3.100	-0.0012	-2.5 to 2.5	Pass
				-10	24	-4.600	-0.0018	-2.5 to 2.5	Pass
				0	24	-0.900	-0.0004	-2.5 to 2.5	Pass
				10	24	-0.300	-0.0001	-2.5 to 2.5	Pass
				30	24	-1.200	-0.0005	-2.5 to 2.5	Pass
				40	24	-3.400	-0.0013	-2.5 to 2.5	Pass
	50	24	-0.300	-0.0001	-2.5 to 2.5	Pass			
	2567.5	25	0	20	20.4	0.000	0.0000	-2.5 to 2.5	Pass
					24	2.400	0.0009	-2.5 to 2.5	Pass
					27.6	2.200	0.0009	-2.5 to 2.5	Pass
				-30	24	-1.000	-0.0004	-2.5 to 2.5	Pass
				-20	24	3.400	0.0013	-2.5 to 2.5	Pass
-10				24	-0.200	-0.0001	-2.5 to 2.5	Pass	
0				24	3.400	0.0013	-2.5 to 2.5	Pass	
10				24	2.500	0.0010	-2.5 to 2.5	Pass	
30				24	4.800	0.0019	-2.5 to 2.5	Pass	
40				24	3.200	0.0012	-2.5 to 2.5	Pass	
50	24	3.900	0.0015	-2.5 to 2.5	Pass				

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	20.4	0.100	0.0000	-2.5 to 2.5	Pass
					24	-1.900	-0.0008	-2.5 to 2.5	Pass
					27.6	-3.600	-0.0014	-2.5 to 2.5	Pass
				-30	24	2.800	0.0011	-2.5 to 2.5	Pass
				-20	24	-1.600	-0.0006	-2.5 to 2.5	Pass
				-10	24	-0.100	0.0000	-2.5 to 2.5	Pass
				0	24	-2.300	-0.0009	-2.5 to 2.5	Pass
				10	24	-3.700	-0.0015	-2.5 to 2.5	Pass

	2535	50	0	30	24	-3.300	-0.0013	-2.5 to 2.5	Pass
				40	24	-1.500	-0.0006	-2.5 to 2.5	Pass
				50	24	-0.500	-0.0002	-2.5 to 2.5	Pass
				20	20.4	-1.800	-0.0007	-2.5 to 2.5	Pass
					24	-1.400	-0.0006	-2.5 to 2.5	Pass
					27.6	-3.100	-0.0012	-2.5 to 2.5	Pass
				-30	24	-3.300	-0.0013	-2.5 to 2.5	Pass
				-20	24	1.000	0.0004	-2.5 to 2.5	Pass
				-10	24	1.200	0.0005	-2.5 to 2.5	Pass
	0	24	-0.300	-0.0001	-2.5 to 2.5	Pass			
	10	24	-1.400	-0.0006	-2.5 to 2.5	Pass			
	30	24	-0.700	-0.0003	-2.5 to 2.5	Pass			
	40	24	1.800	0.0007	-2.5 to 2.5	Pass			
	50	24	-1.200	-0.0005	-2.5 to 2.5	Pass			
	2565	50	0	20	20.4	-2.500	-0.0010	-2.5 to 2.5	Pass
					24	-5.500	-0.0021	-2.5 to 2.5	Pass
					27.6	-3.500	-0.0014	-2.5 to 2.5	Pass
				-30	24	-0.800	-0.0003	-2.5 to 2.5	Pass
				-20	24	0.800	0.0003	-2.5 to 2.5	Pass
				-10	24	-3.400	-0.0013	-2.5 to 2.5	Pass
0				24	-4.500	-0.0018	-2.5 to 2.5	Pass	
10				24	-2.900	-0.0011	-2.5 to 2.5	Pass	
30				24	1.500	0.0006	-2.5 to 2.5	Pass	
40				24	-4.900	-0.0019	-2.5 to 2.5	Pass	
50				24	0.300	0.0001	-2.5 to 2.5	Pass	

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz												
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict			
		Size	Offset				Result	Limit				
QPSK	2507.5	75	0	20	20.4	0.900	0.0004	-2.5 to 2.5	Pass			
					24	-1.500	-0.0006	-2.5 to 2.5	Pass			
					27.6	-1.400	-0.0006	-2.5 to 2.5	Pass			
				-30	24	4.600	0.0018	-2.5 to 2.5	Pass			
				-20	24	1.500	0.0006	-2.5 to 2.5	Pass			
				-10	24	-0.700	-0.0003	-2.5 to 2.5	Pass			
				0	24	1.000	0.0004	-2.5 to 2.5	Pass			
				10	24	-0.400	-0.0002	-2.5 to 2.5	Pass			
				30	24	5.000	0.0020	-2.5 to 2.5	Pass			
				40	24	2.300	0.0009	-2.5 to 2.5	Pass			
				50	24	3.800	0.0015	-2.5 to 2.5	Pass			
				2535	75	0	20	20.4	-1.700	-0.0007	-2.5 to 2.5	Pass
								24	-3.000	-0.0012	-2.5 to 2.5	Pass
								27.6	2.800	0.0011	-2.5 to 2.5	Pass
	-30	24	-4.400				-0.0017	-2.5 to 2.5	Pass			
	-20	24	-1.400				-0.0006	-2.5 to 2.5	Pass			
	-10	24	-1.900				-0.0007	-2.5 to 2.5	Pass			
	0	24	-3.500				-0.0014	-2.5 to 2.5	Pass			
	10	24	0.300				0.0001	-2.5 to 2.5	Pass			
	30	24	-1.100				-0.0004	-2.5 to 2.5	Pass			
	40	24	-2.400				-0.0009	-2.5 to 2.5	Pass			
	50	24	-3.200				-0.0013	-2.5 to 2.5	Pass			
	2562.5	75	0	20	20.4	4.500	0.0018	-2.5 to 2.5	Pass			
					24	4.400	0.0017	-2.5 to 2.5	Pass			
					27.6	4.400	0.0017	-2.5 to 2.5	Pass			
				-30	24	0.800	0.0003	-2.5 to 2.5	Pass			

				-20	24	5.500	0.0021	-2.5 to 2.5	Pass
				-10	24	5.800	0.0023	-2.5 to 2.5	Pass
				0	24	5.700	0.0022	-2.5 to 2.5	Pass
				10	24	1.700	0.0007	-2.5 to 2.5	Pass
				30	24	4.900	0.0019	-2.5 to 2.5	Pass
				40	24	5.400	0.0021	-2.5 to 2.5	Pass
				50	24	2.000	0.0008	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	20.4	0.900	0.0004	-2.5 to 2.5	Pass
					24	1.000	0.0004	-2.5 to 2.5	Pass
					27.6	3.700	0.0015	-2.5 to 2.5	Pass
				-30	24	2.800	0.0011	-2.5 to 2.5	Pass
				-20	24	4.800	0.0019	-2.5 to 2.5	Pass
				-10	24	3.700	0.0015	-2.5 to 2.5	Pass
				0	24	1.000	0.0004	-2.5 to 2.5	Pass
				10	24	2.200	0.0009	-2.5 to 2.5	Pass
				30	24	0.900	0.0004	-2.5 to 2.5	Pass
				40	24	3.600	0.0014	-2.5 to 2.5	Pass
				50	24	0.000	0.0000	-2.5 to 2.5	Pass
				2535	100	0	20	20.4	-0.200
	24	0.400	0.0002					-2.5 to 2.5	Pass
	27.6	-2.900	-0.0011					-2.5 to 2.5	Pass
	-30	24	-4.900				-0.0019	-2.5 to 2.5	Pass
	-20	24	-1.900				-0.0007	-2.5 to 2.5	Pass
	-10	24	-2.500				-0.0010	-2.5 to 2.5	Pass
	0	24	-4.500				-0.0018	-2.5 to 2.5	Pass
	10	24	-2.800				-0.0011	-2.5 to 2.5	Pass
	30	24	-1.800				-0.0007	-2.5 to 2.5	Pass
	40	24	1.300				0.0005	-2.5 to 2.5	Pass
	50	24	-0.900				-0.0004	-2.5 to 2.5	Pass
	2560	100	0				20	20.4	1.400
				24	1.300	0.0005		-2.5 to 2.5	Pass
				27.6	3.200	0.0013		-2.5 to 2.5	Pass
				-30	24	-0.500	-0.0002	-2.5 to 2.5	Pass
				-20	24	2.000	0.0008	-2.5 to 2.5	Pass
				-10	24	0.700	0.0003	-2.5 to 2.5	Pass
				0	24	-1.900	-0.0007	-2.5 to 2.5	Pass
				10	24	1.800	0.0007	-2.5 to 2.5	Pass
30				24	0.400	0.0002	-2.5 to 2.5	Pass	
40				24	-0.800	-0.0003	-2.5 to 2.5	Pass	
50				24	2.500	0.0010	-2.5 to 2.5	Pass	

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.497	/	Pass
		2535	25	0	4.505	/	Pass
		2567.5	25	0	4.500	/	Pass
	16QAM	2502.5	25	0	4.499	/	Pass
		2535	25	0	4.502	/	Pass
		2567.5	25	0	4.501	/	Pass
	64QAM	2502.5	25	0	4.499	/	Pass
		2535	25	0	4.499	/	Pass
		2567.5	25	0	4.498	/	Pass
10	QPSK	2505	50	0	9.000	/	Pass
		2535	50	0	8.993	/	Pass
		2565	50	0	9.005	/	Pass
	16QAM	2505	50	0	8.957	/	Pass
		2535	50	0	8.952	/	Pass
		2565	50	0	8.966	/	Pass
	64QAM	2505	50	0	8.997	/	Pass
		2535	50	0	8.989	/	Pass
		2565	50	0	8.974	/	Pass
15	QPSK	2507.5	75	0	13.467	/	Pass
		2535	75	0	13.437	/	Pass
		2562.5	75	0	13.450	/	Pass
	16QAM	2507.5	75	0	13.464	/	Pass
		2535	75	0	13.458	/	Pass
		2562.5	75	0	13.458	/	Pass
	64QAM	2507.5	75	0	13.469	/	Pass
		2535	75	0	13.467	/	Pass
		2562.5	75	0	13.430	/	Pass
20	QPSK	2510	100	0	17.944	/	Pass
		2535	100	0	17.962	/	Pass
		2560	100	0	17.957	/	Pass
	16QAM	2510	100	0	17.963	/	Pass
		2535	100	0	17.976	/	Pass
		2560	100	0	17.996	/	Pass
	64QAM	2510	100	0	17.977	/	Pass
		2535	100	0	17.978	/	Pass
		2560	100	0	17.995	/	Pass

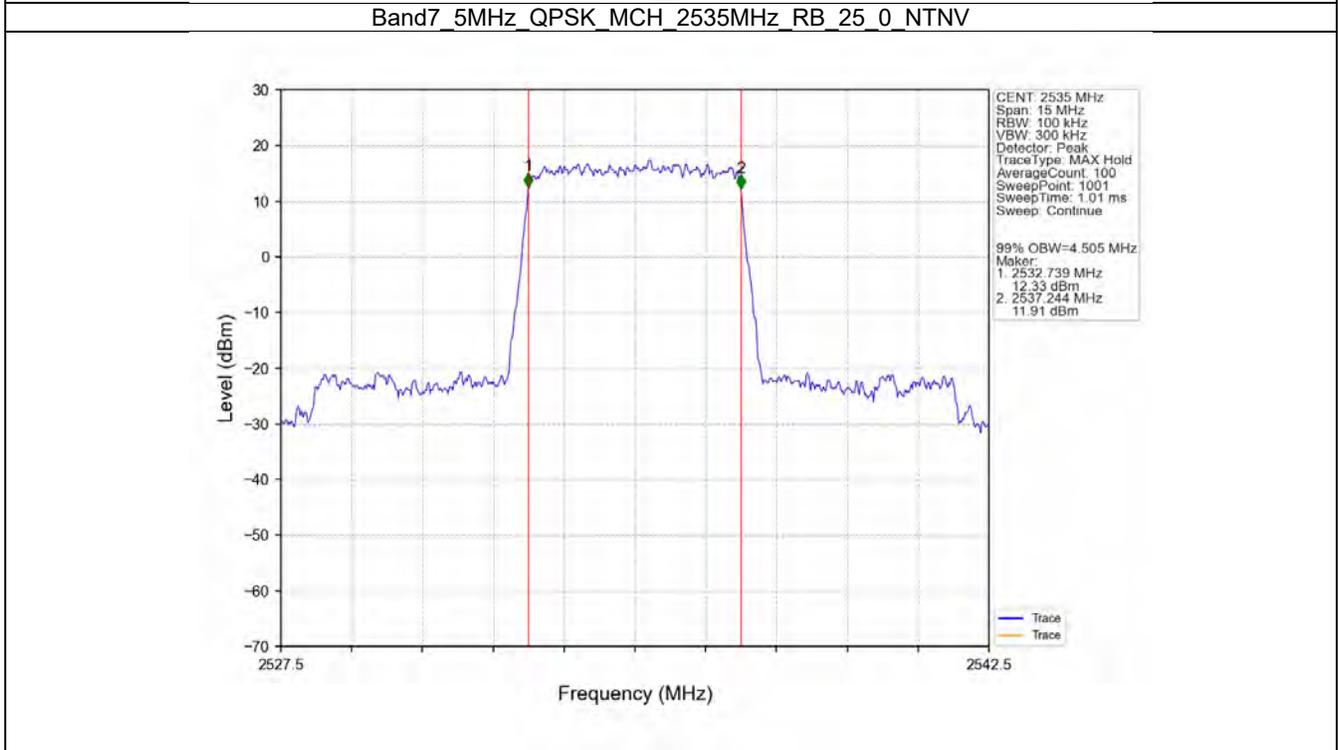
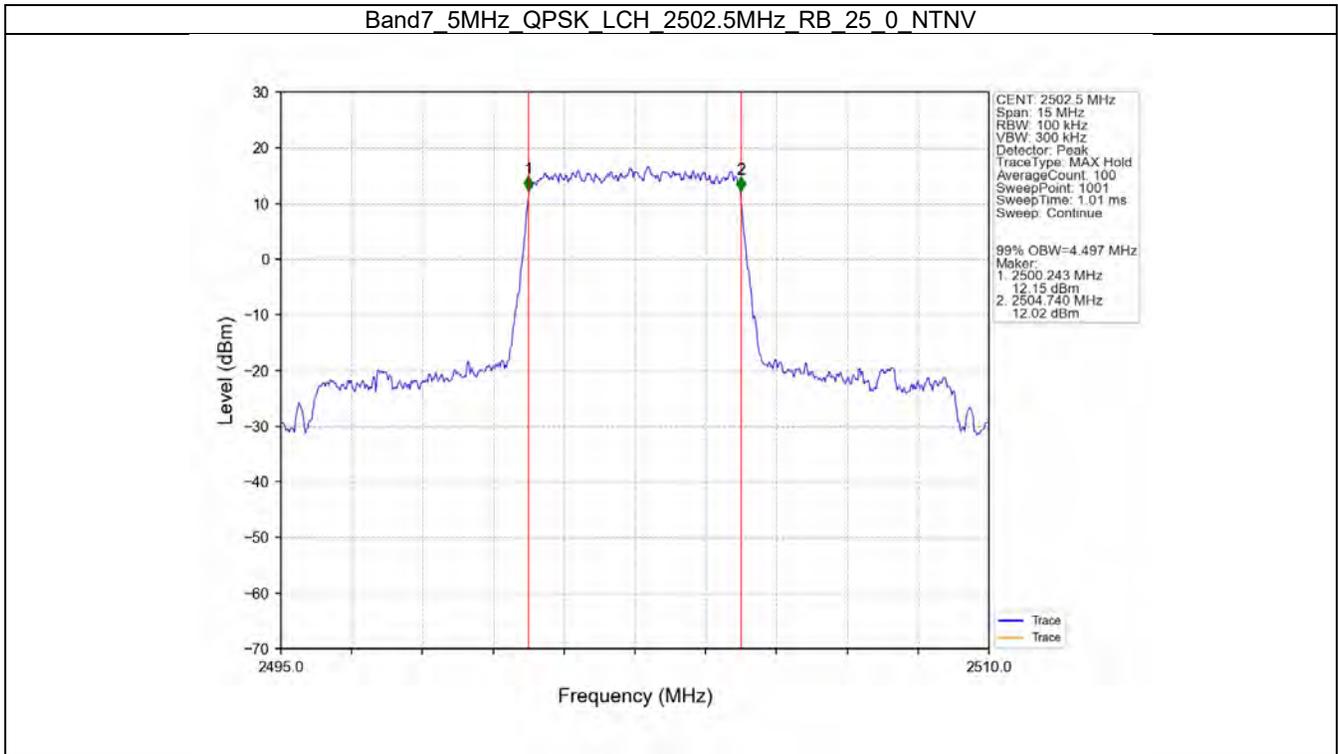
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.029	/	Pass
		2535	25	0	5.010	/	Pass
		2567.5	25	0	5.027	/	Pass

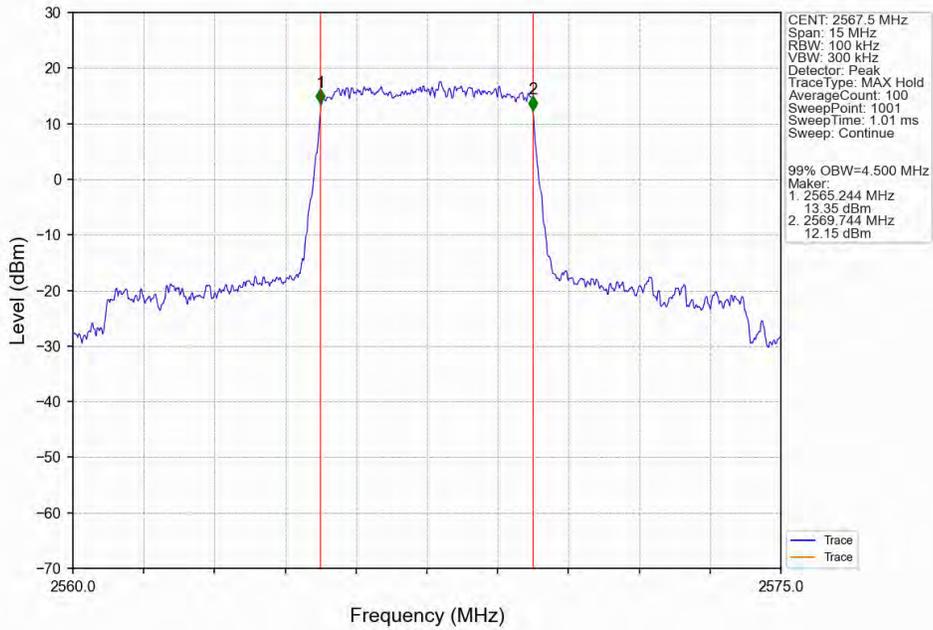
	16QAM	2502.5	25	0	5.010	/	Pass
		2535	25	0	4.992	/	Pass
		2567.5	25	0	5.030	/	Pass
	64QAM	2502.5	25	0	4.995	/	Pass
		2535	25	0	4.981	/	Pass
		2567.5	25	0	4.995	/	Pass
10	QPSK	2505	50	0	9.902	/	Pass
		2535	50	0	9.872	/	Pass
		2565	50	0	9.921	/	Pass
	16QAM	2505	50	0	9.836	/	Pass
		2535	50	0	9.794	/	Pass
		2565	50	0	9.855	/	Pass
	64QAM	2505	50	0	9.955	/	Pass
		2535	50	0	9.896	/	Pass
		2565	50	0	9.901	/	Pass
15	QPSK	2507.5	75	0	14.697	/	Pass
		2535	75	0	14.683	/	Pass
		2562.5	75	0	14.729	/	Pass
	16QAM	2507.5	75	0	14.659	/	Pass
		2535	75	0	14.698	/	Pass
		2562.5	75	0	14.721	/	Pass
	64QAM	2507.5	75	0	14.846	/	Pass
		2535	75	0	14.625	/	Pass
		2562.5	75	0	14.843	/	Pass
20	QPSK	2510	100	0	19.604	/	Pass
		2535	100	0	19.672	/	Pass
		2560	100	0	19.713	/	Pass
	16QAM	2510	100	0	19.695	/	Pass
		2535	100	0	19.603	/	Pass
		2560	100	0	19.697	/	Pass
	64QAM	2510	100	0	19.618	/	Pass
		2535	100	0	19.517	/	Pass
		2560	100	0	19.659	/	Pass

3.2 Test Graph

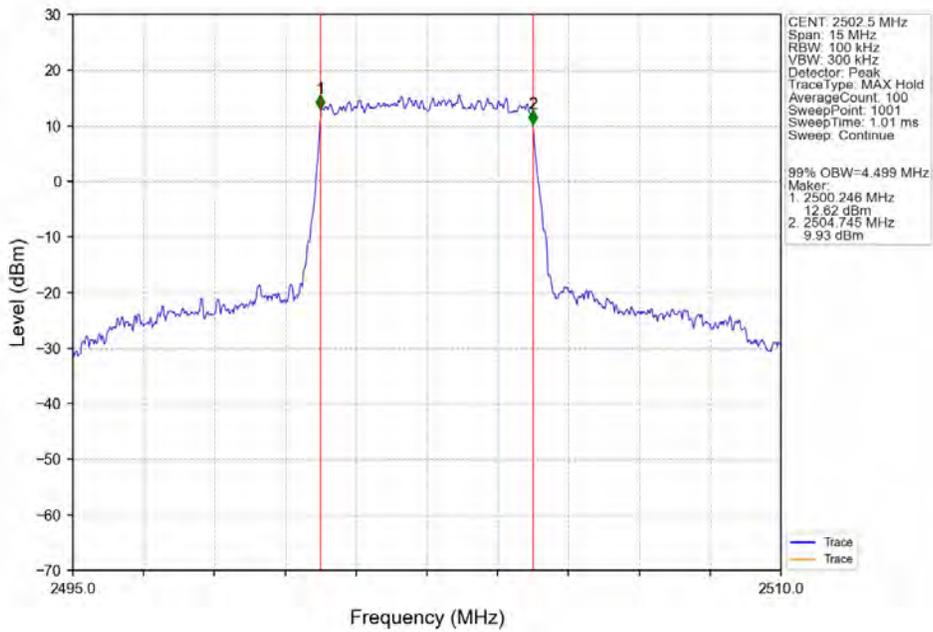
3.2.1 Band7_OBW



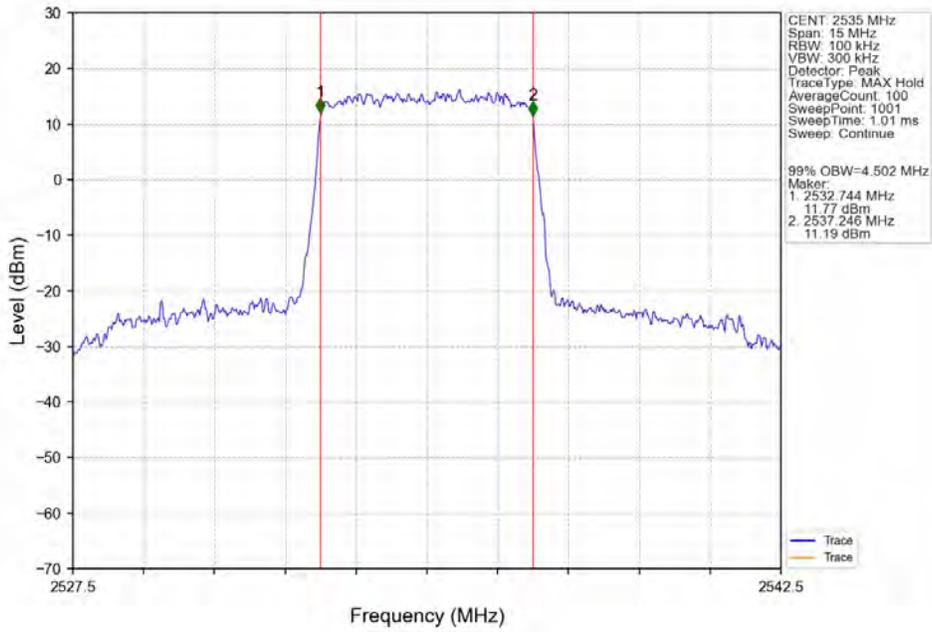
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



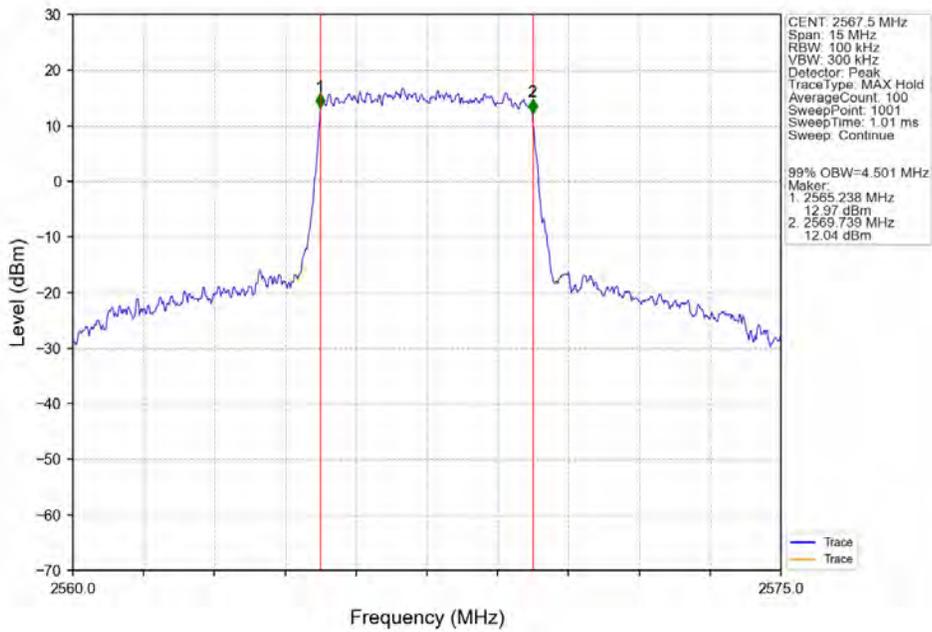
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



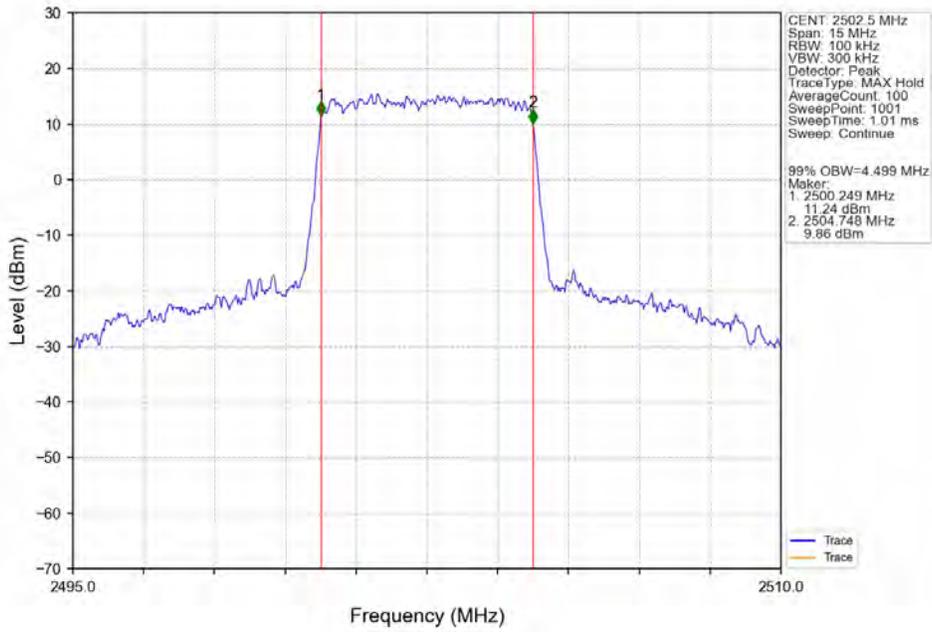
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



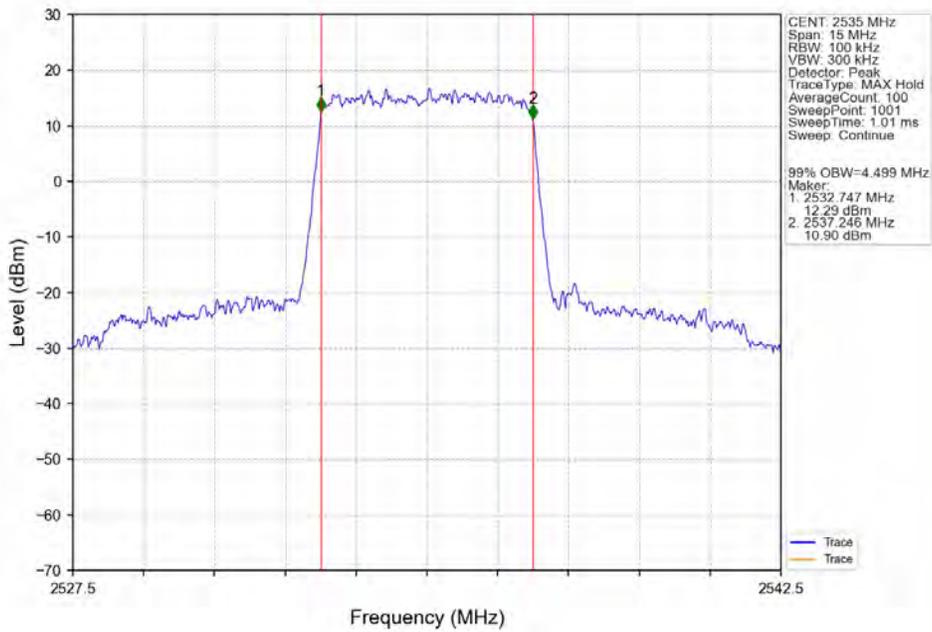
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



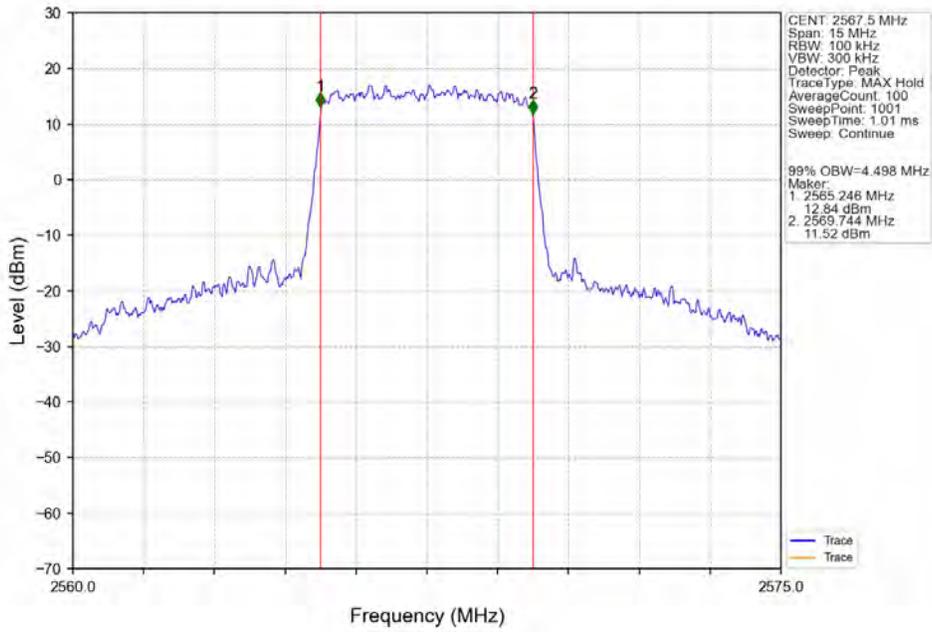
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



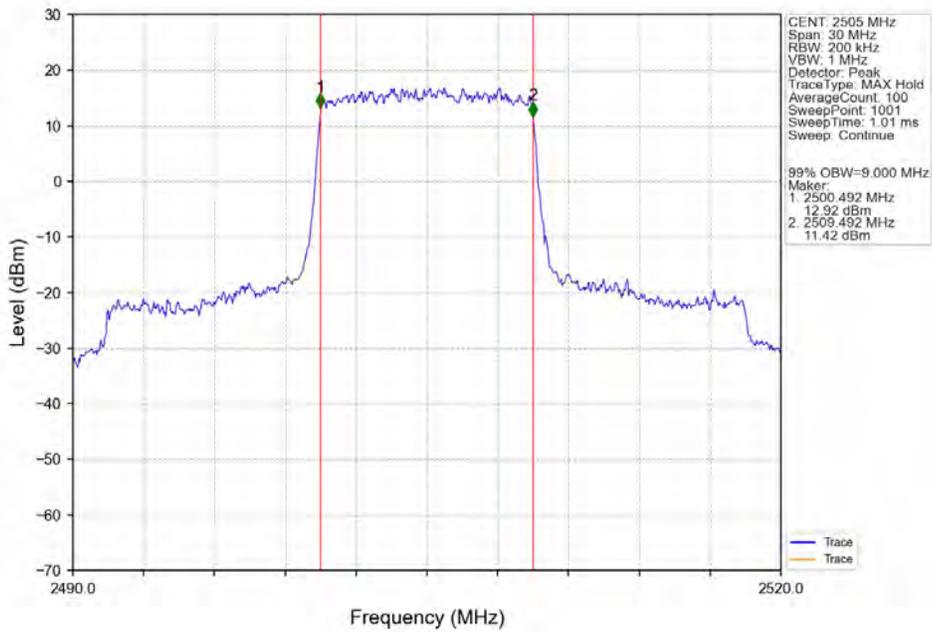
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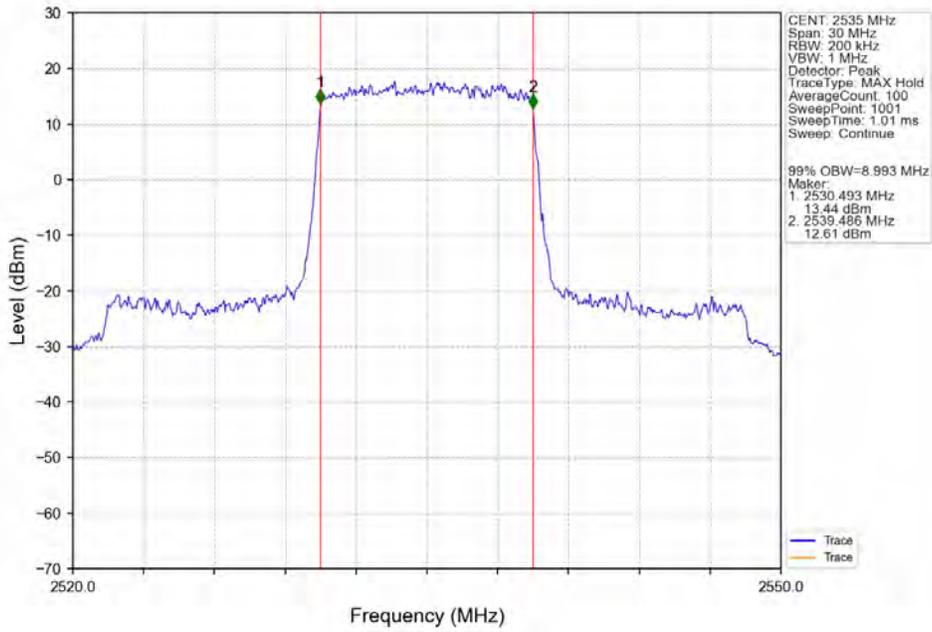
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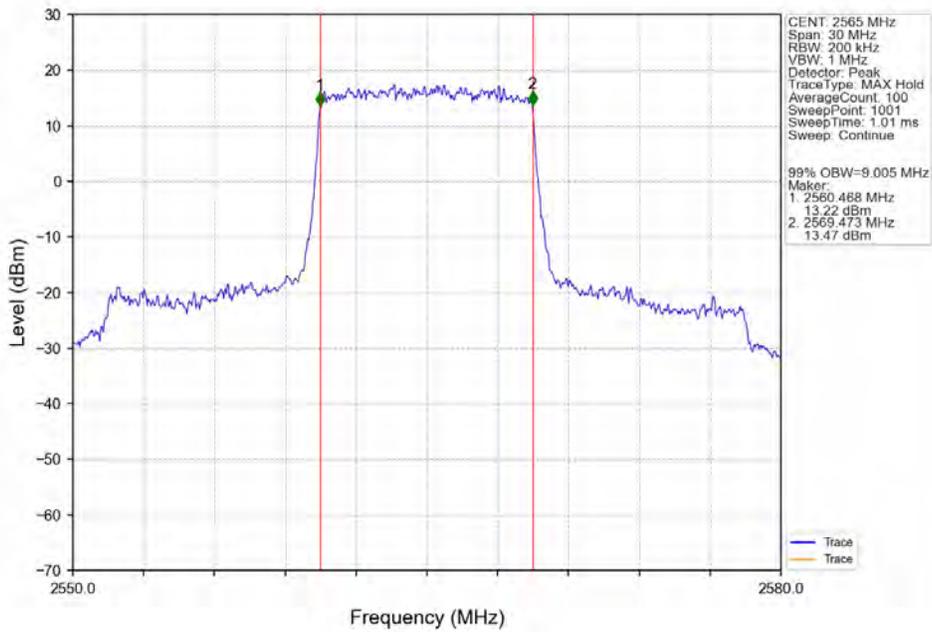
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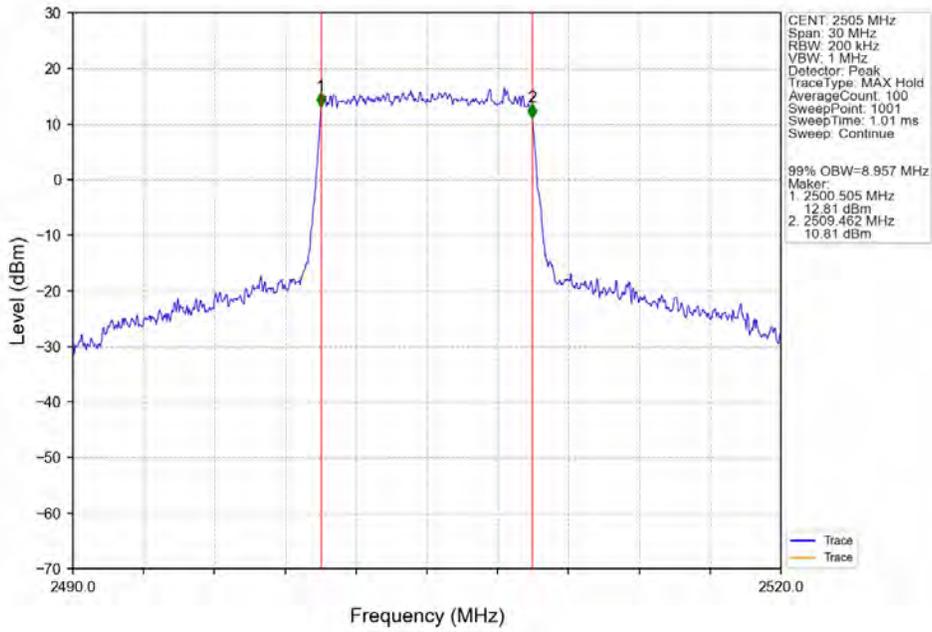
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



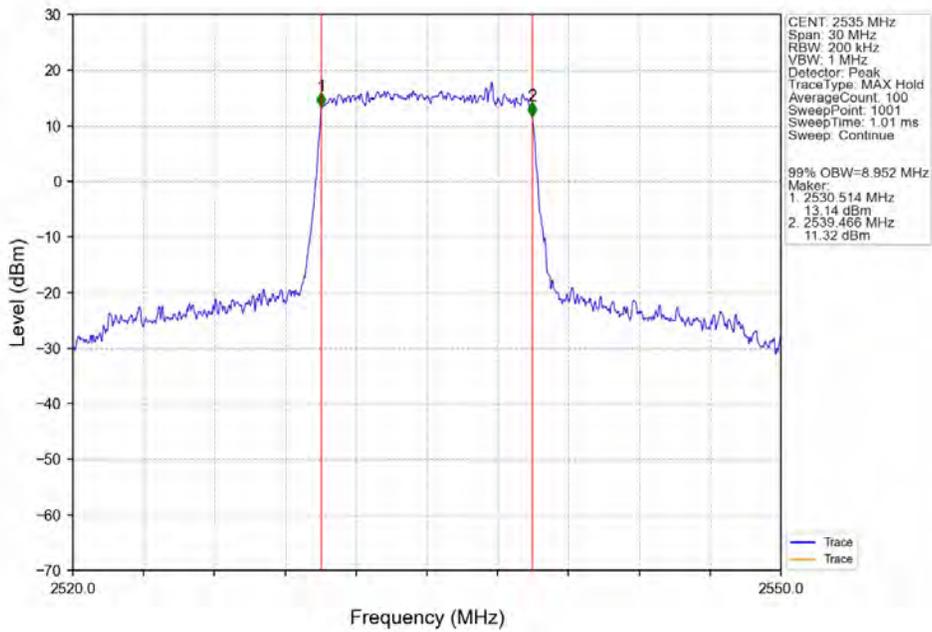
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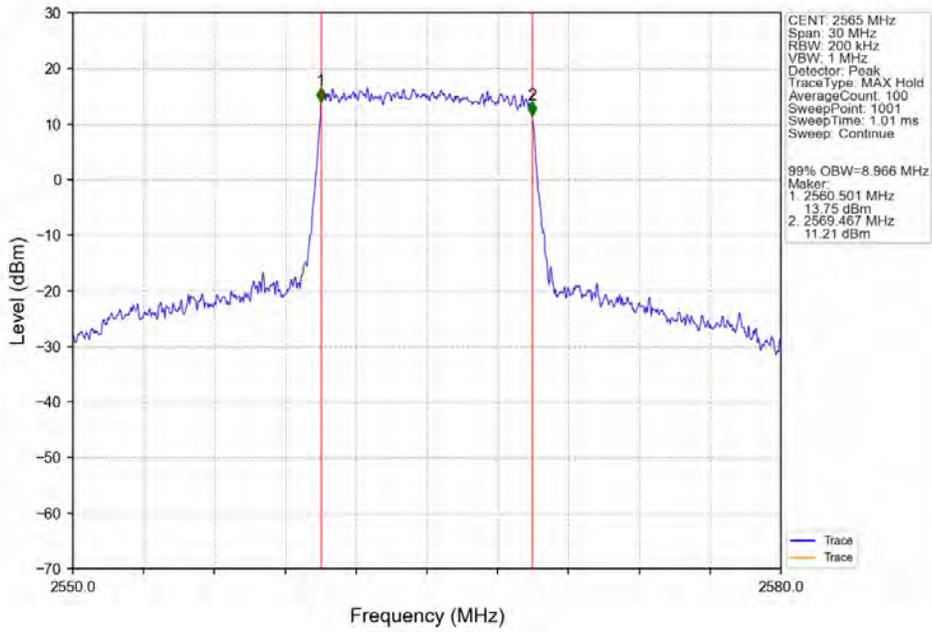
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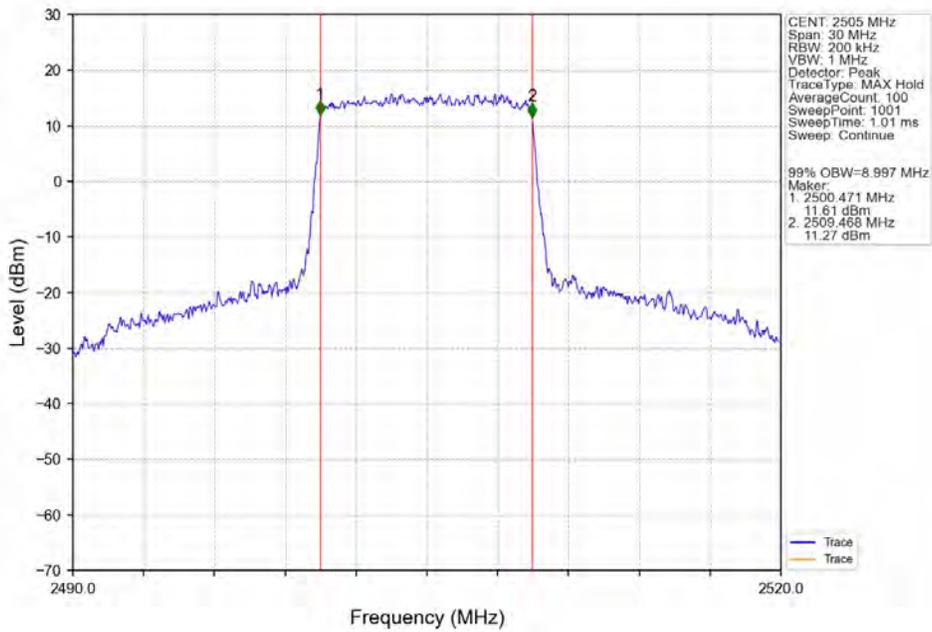
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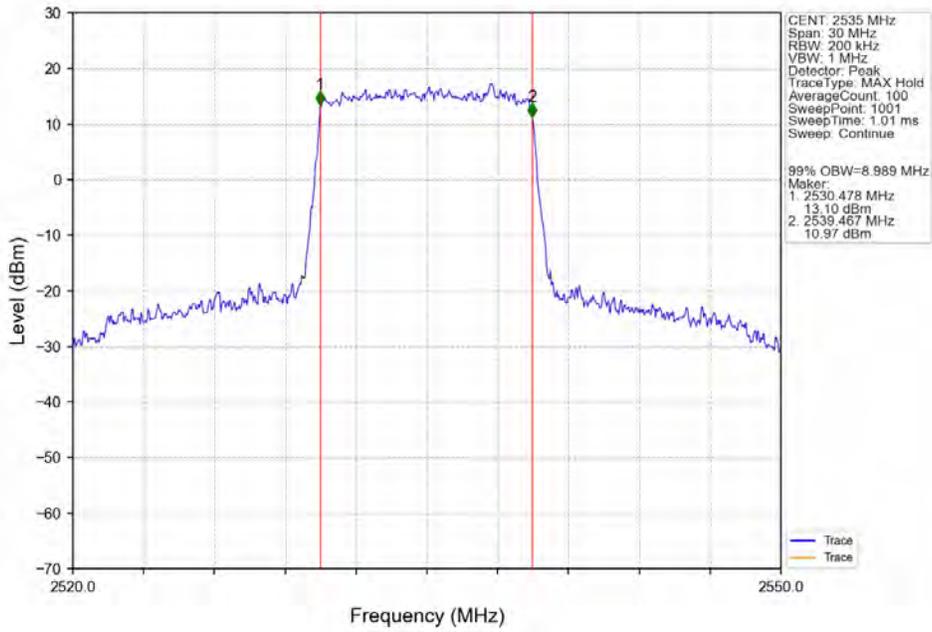
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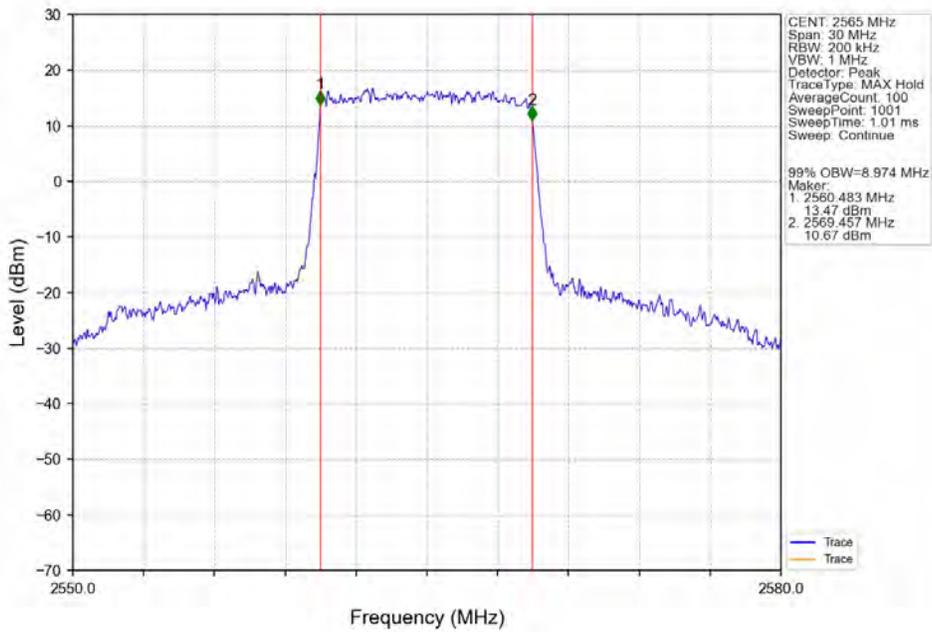
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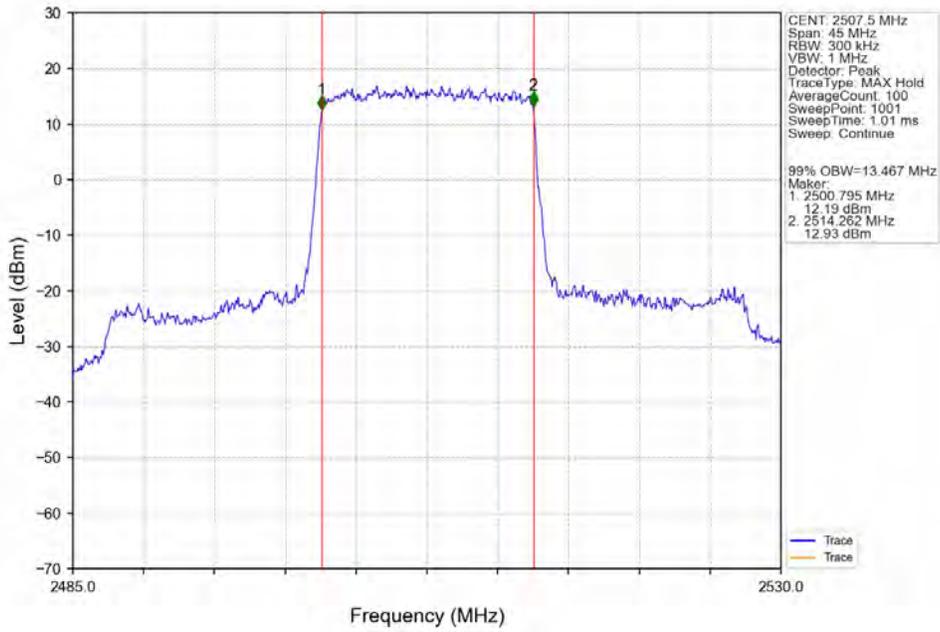
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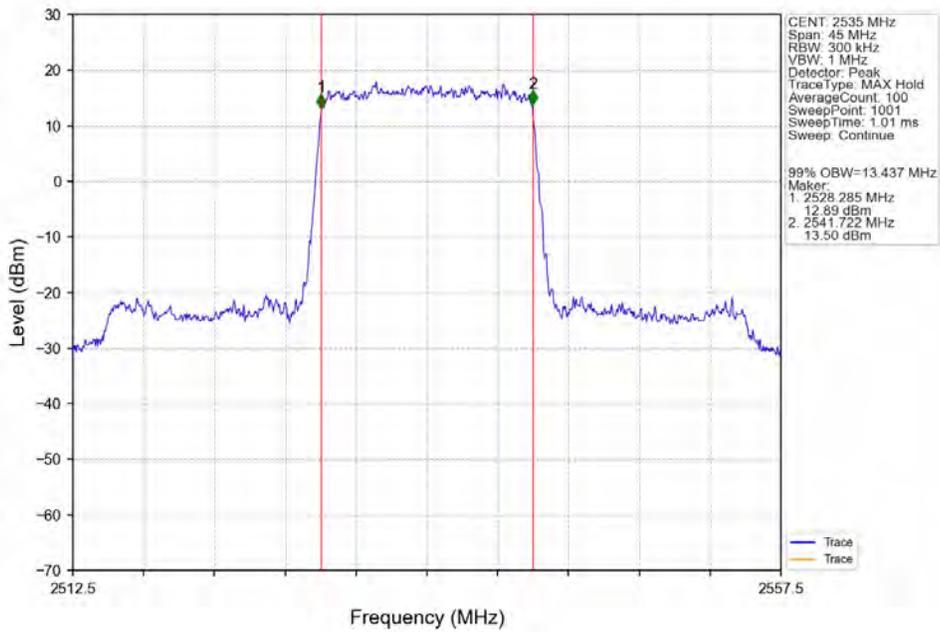
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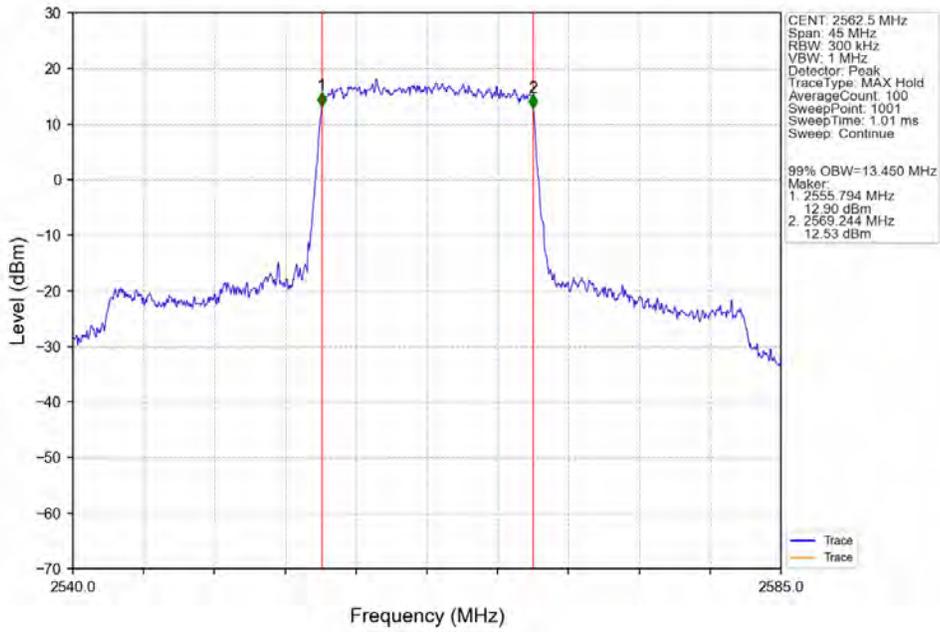
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



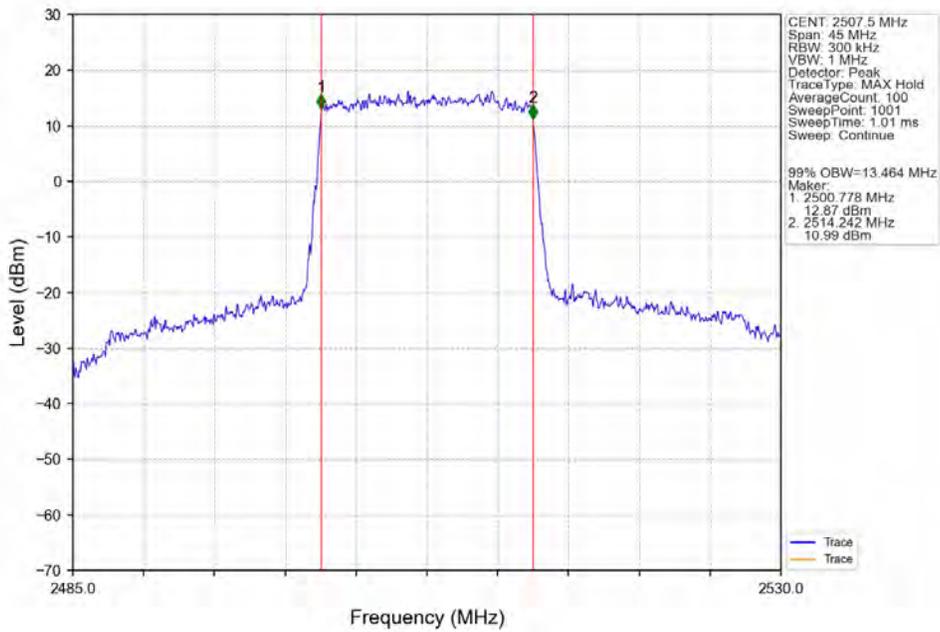
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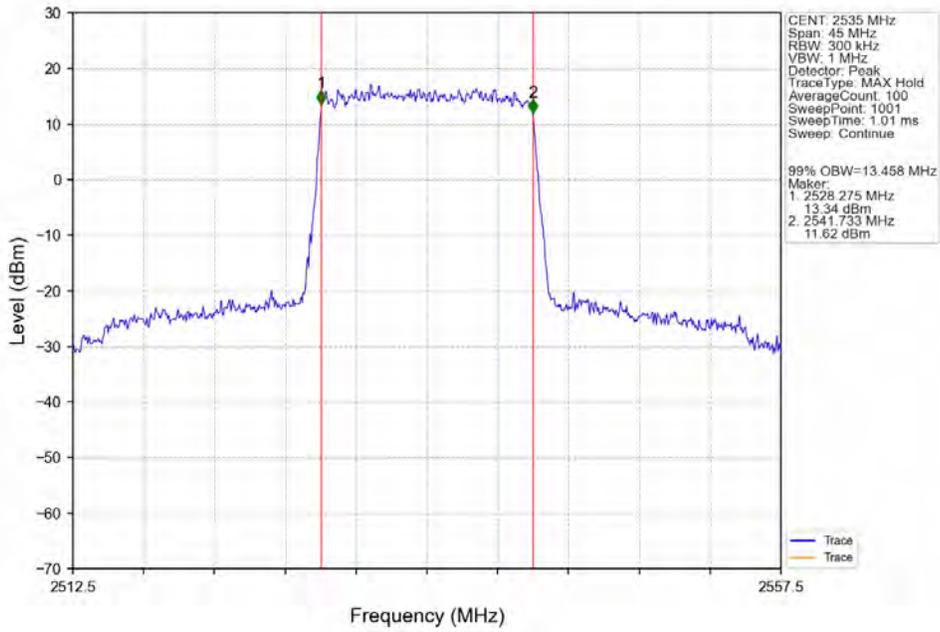
Band7_15MHz QPSK HCH 2562.5MHz RB_75_0 NTN



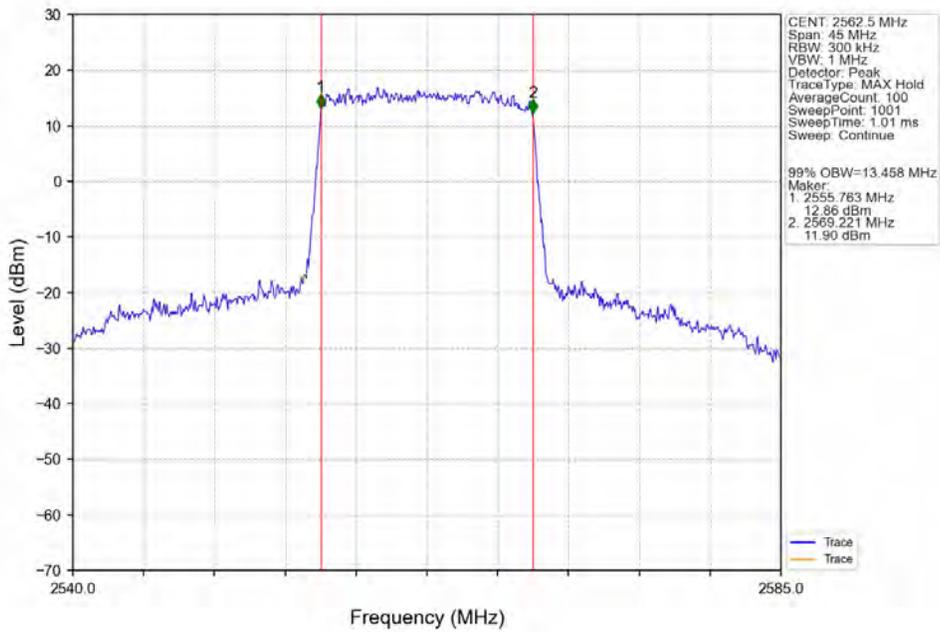
Band7_15MHz 16QAM LCH 2507.5MHz RB_75_0 NTN



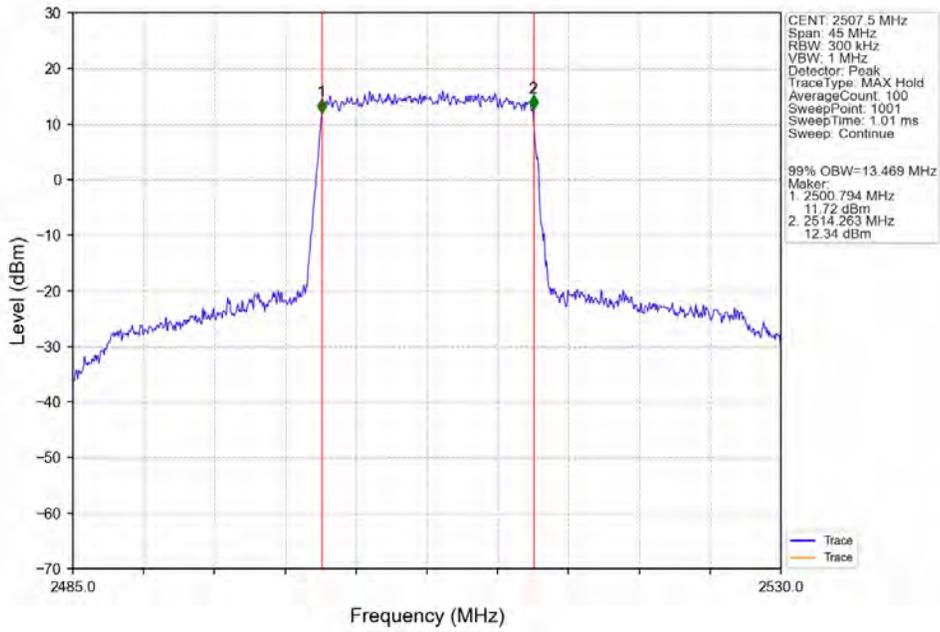
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



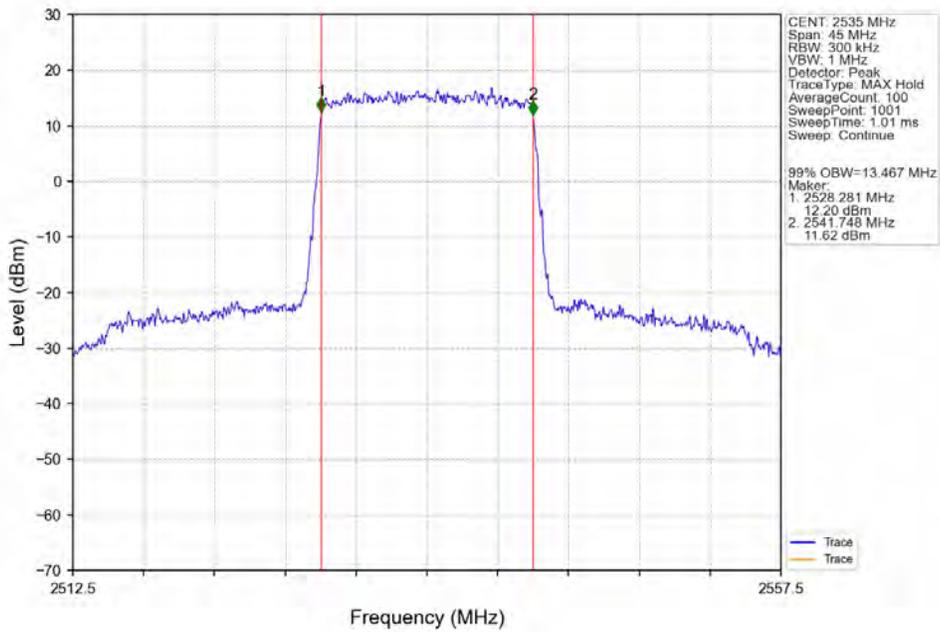
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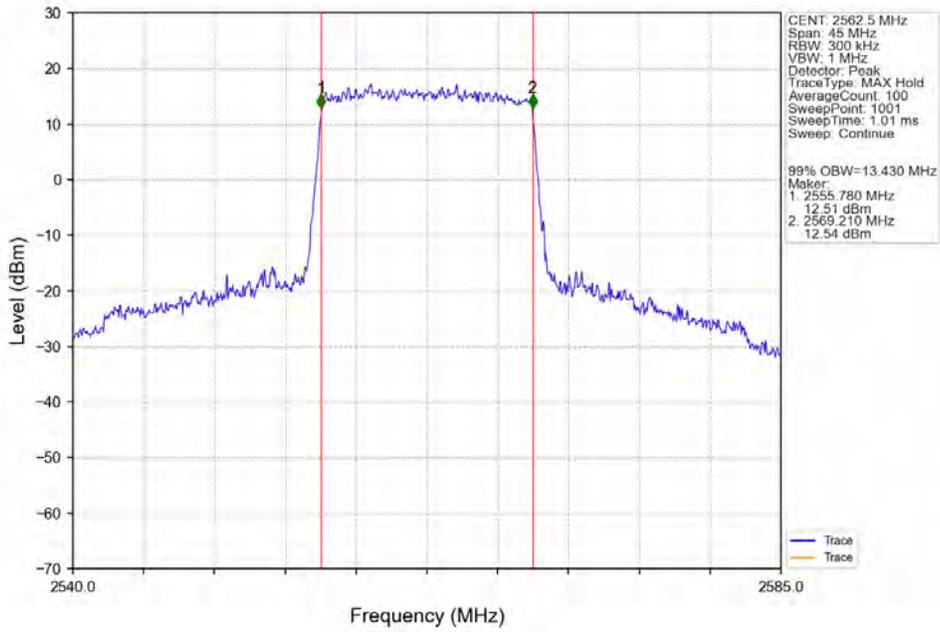
Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTNV



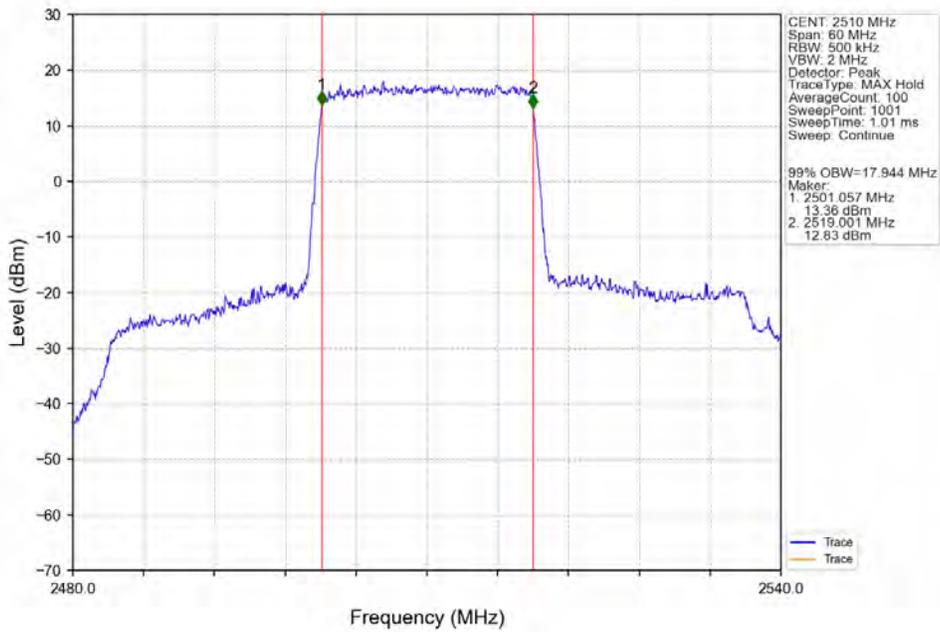
Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTNV



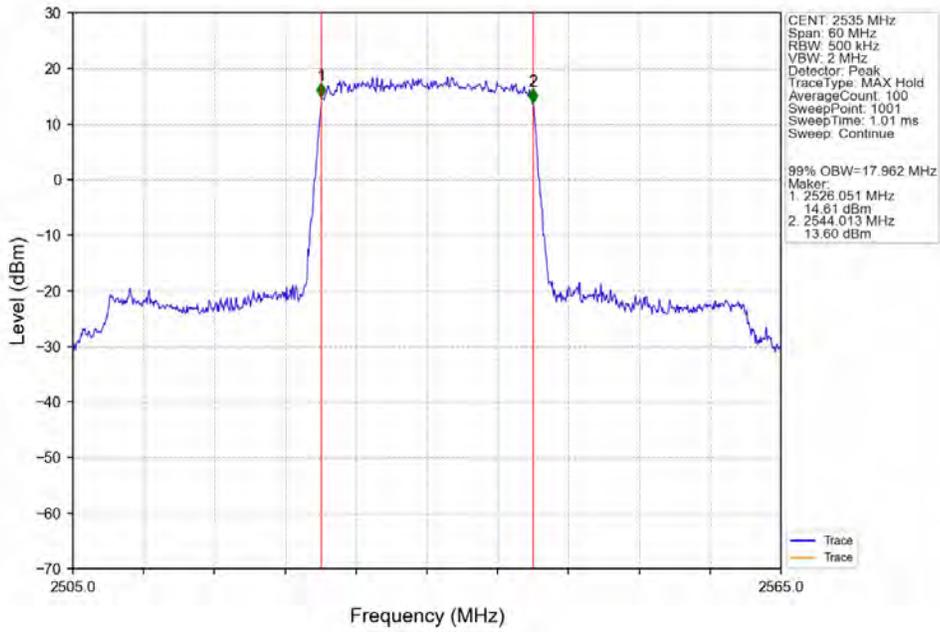
Band7 15MHz 64QAM HCH 2562.5MHz RB 75_0 NTN



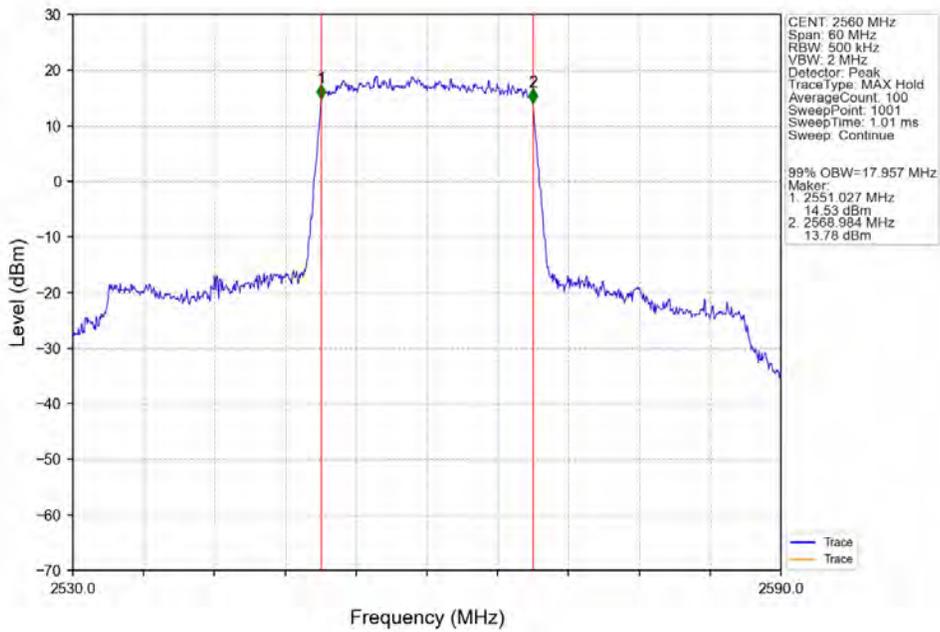
Band7 20MHz QPSK LCH 2510MHz RB 100_0 NTN



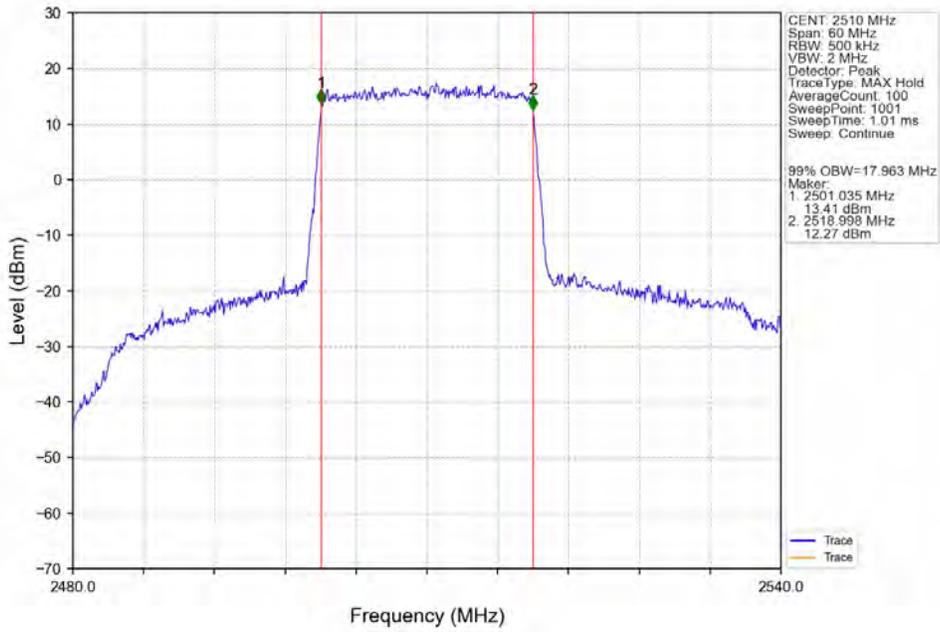
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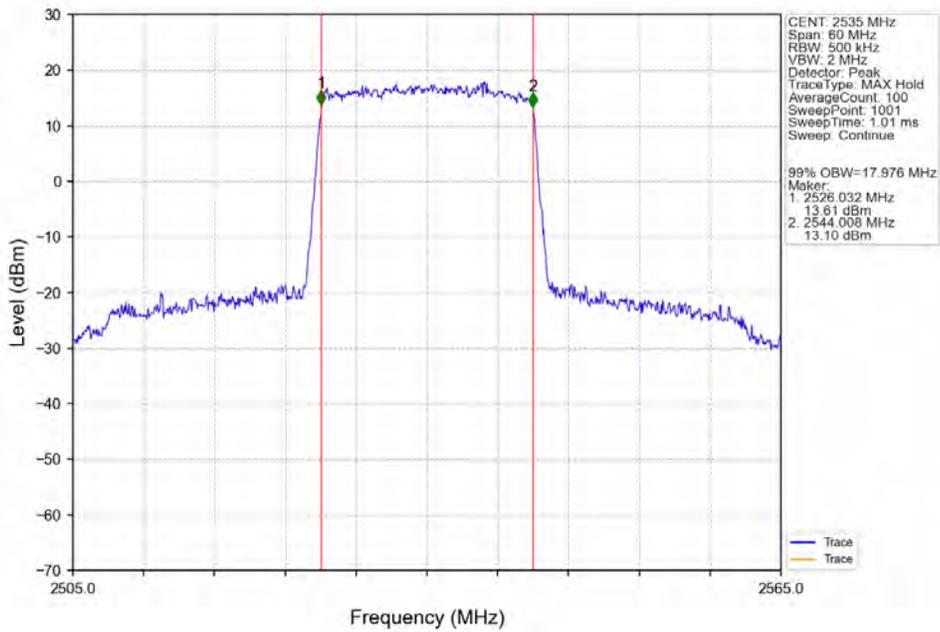
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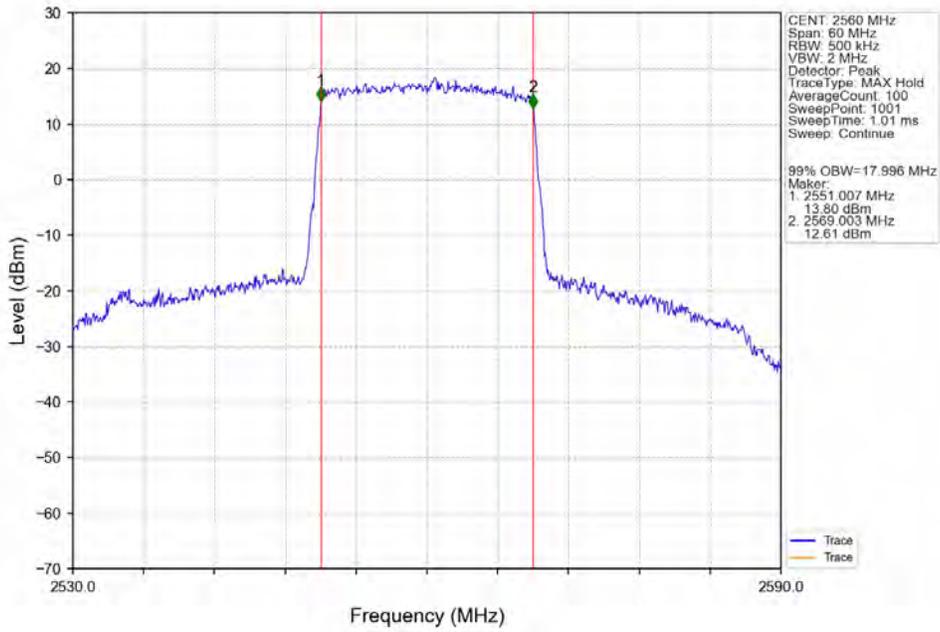
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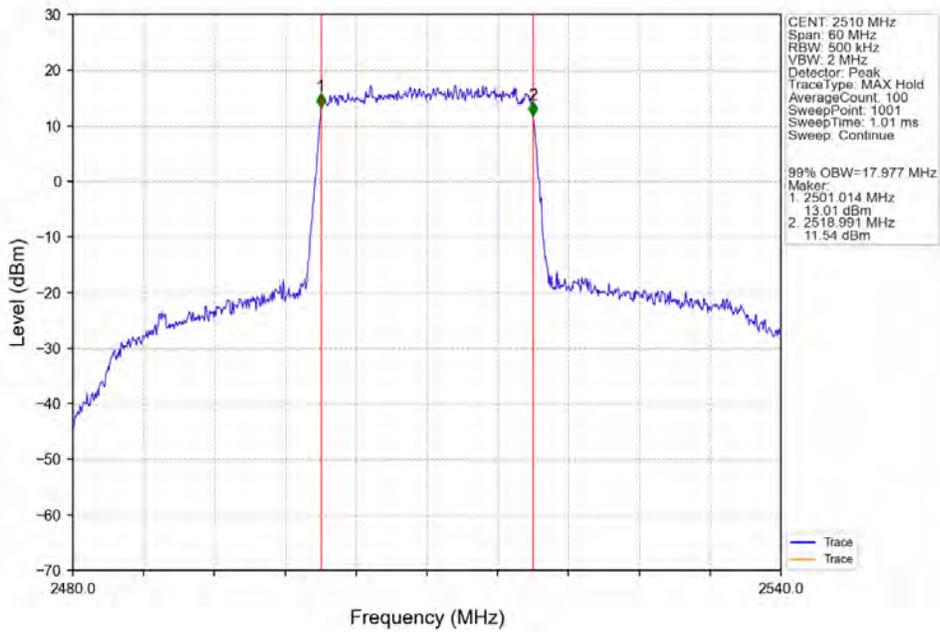
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



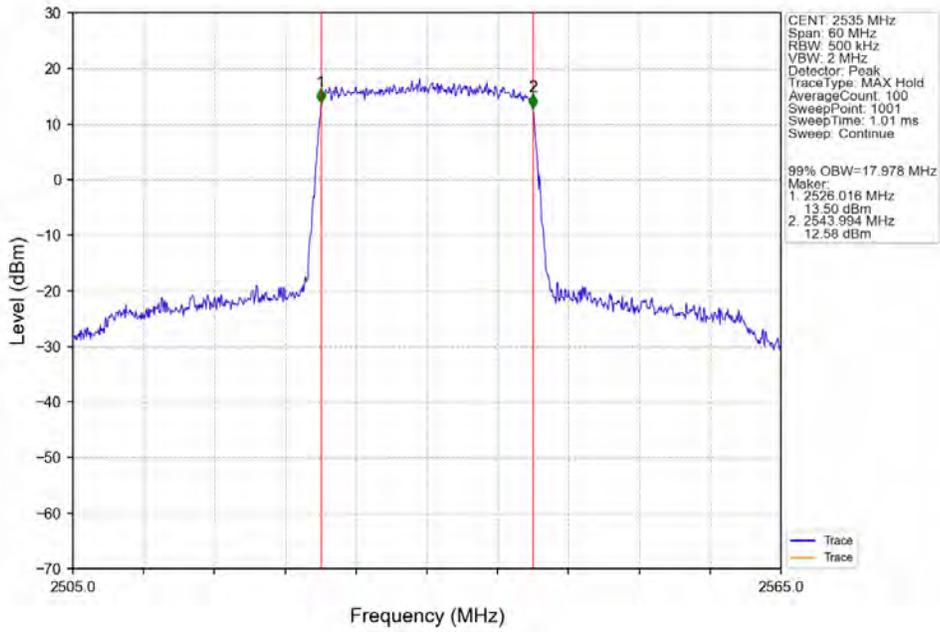
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTV



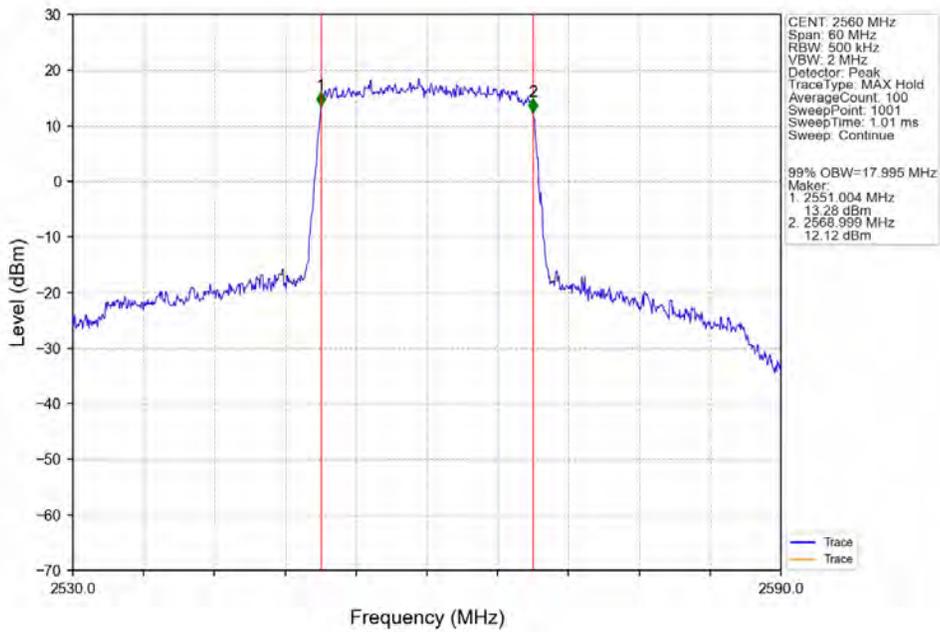
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN

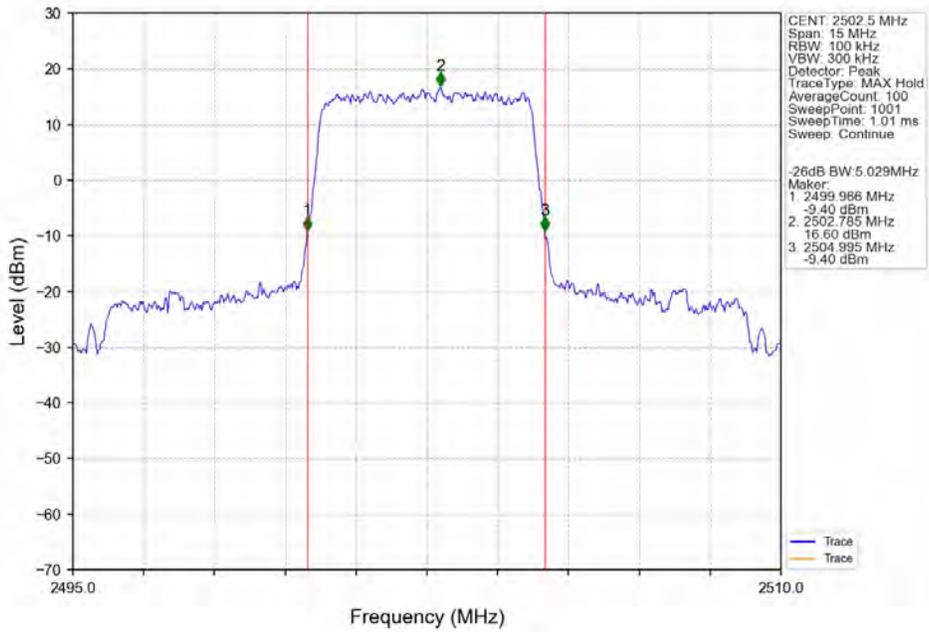


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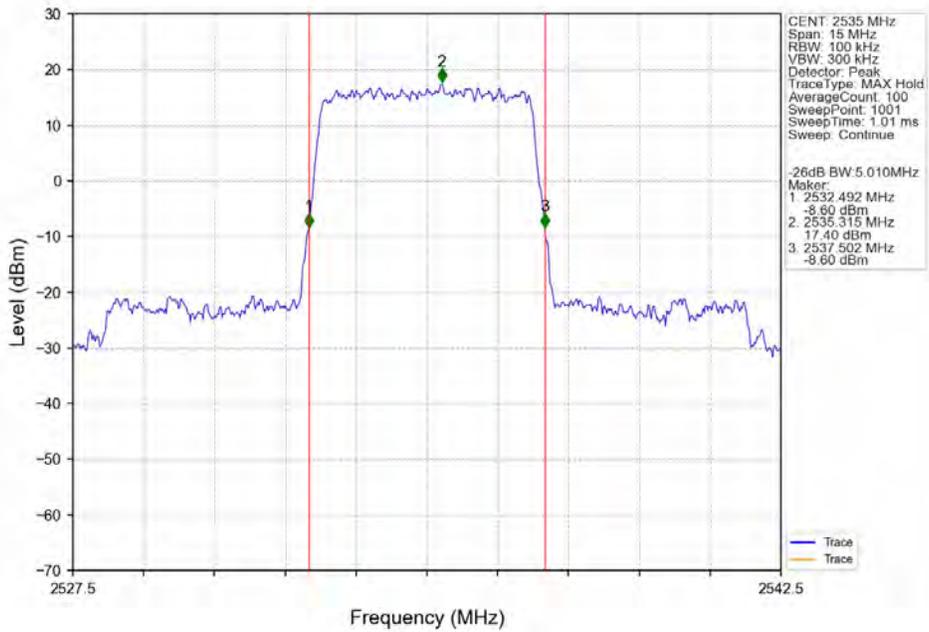


3.2.2 Band7_XDB

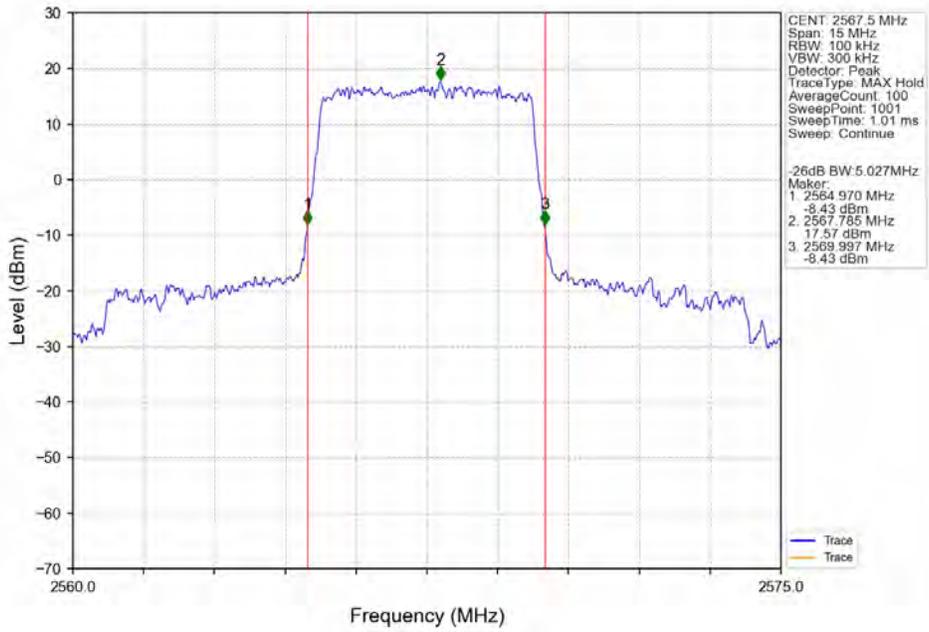
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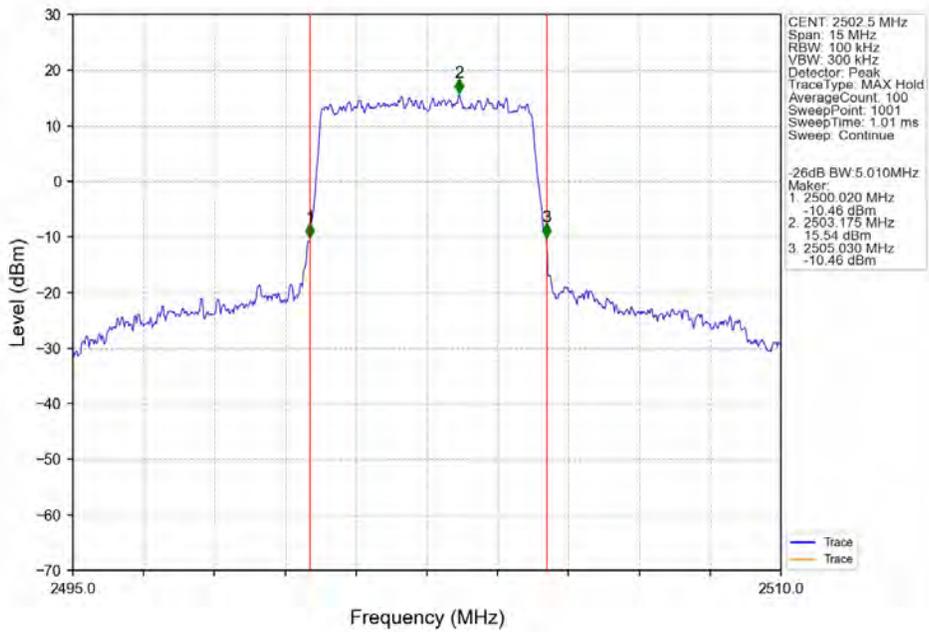
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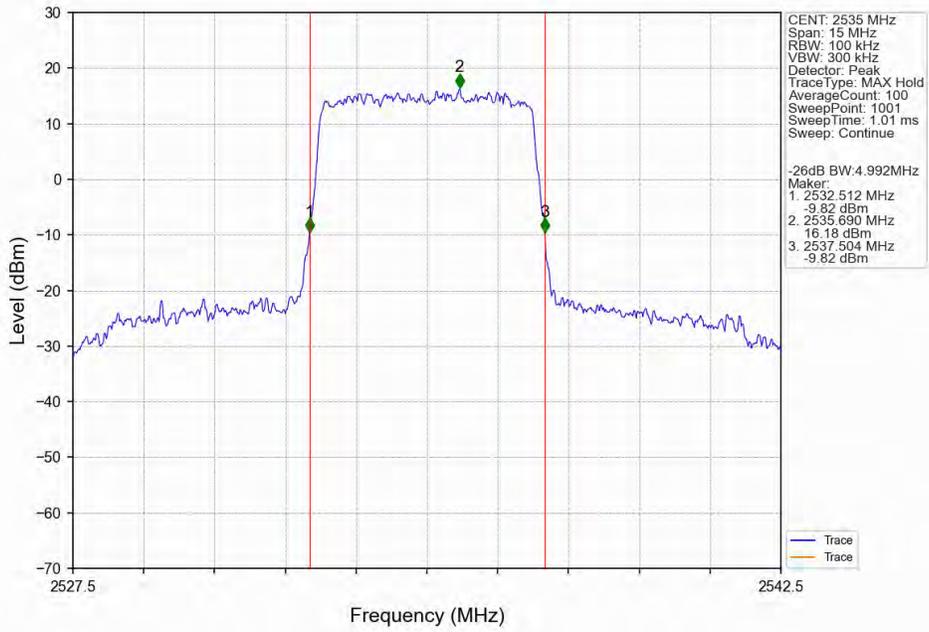
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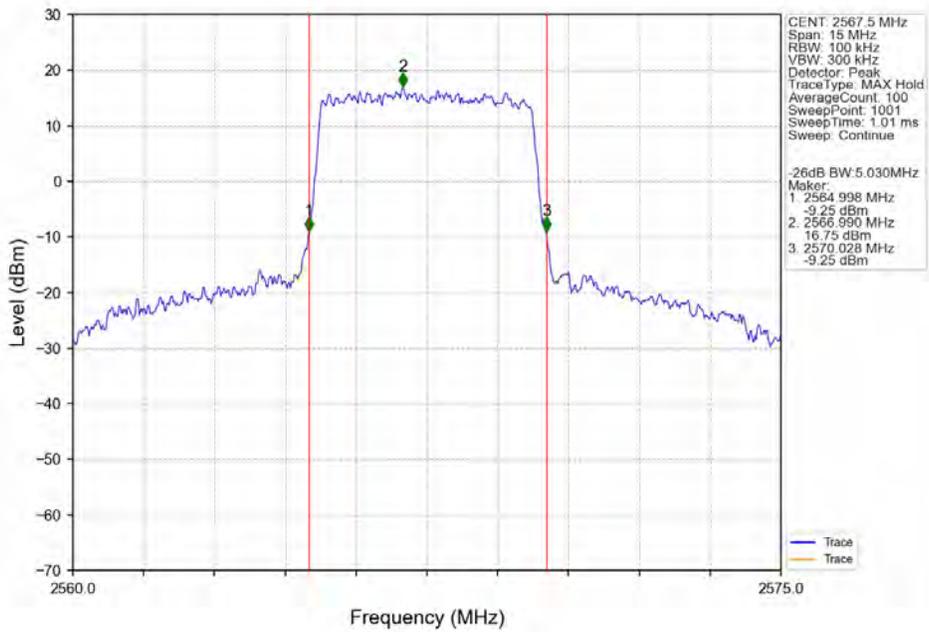
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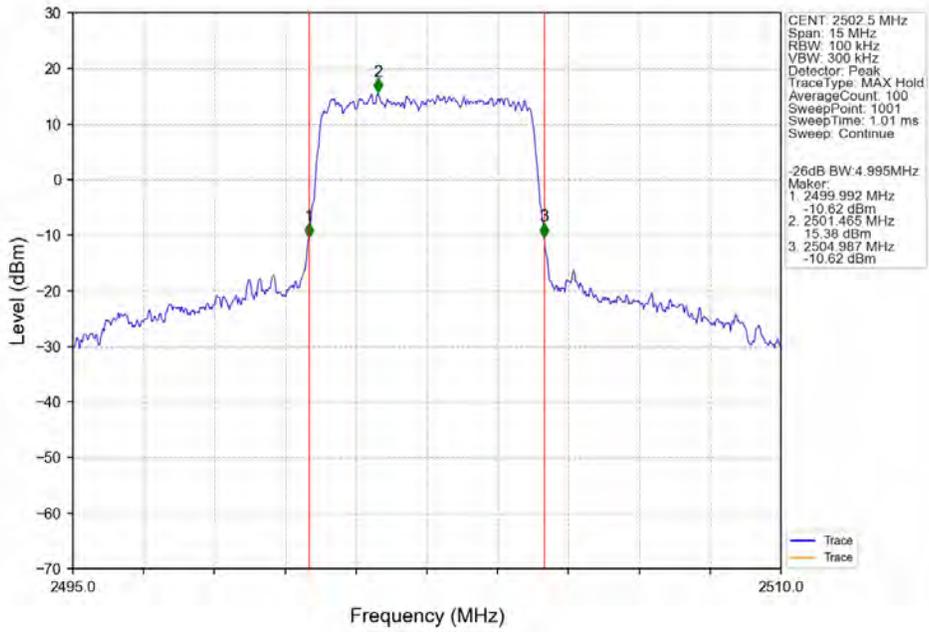
Band7 5MHz 16QAM MCH 2535MHz RB 25 0 NTV



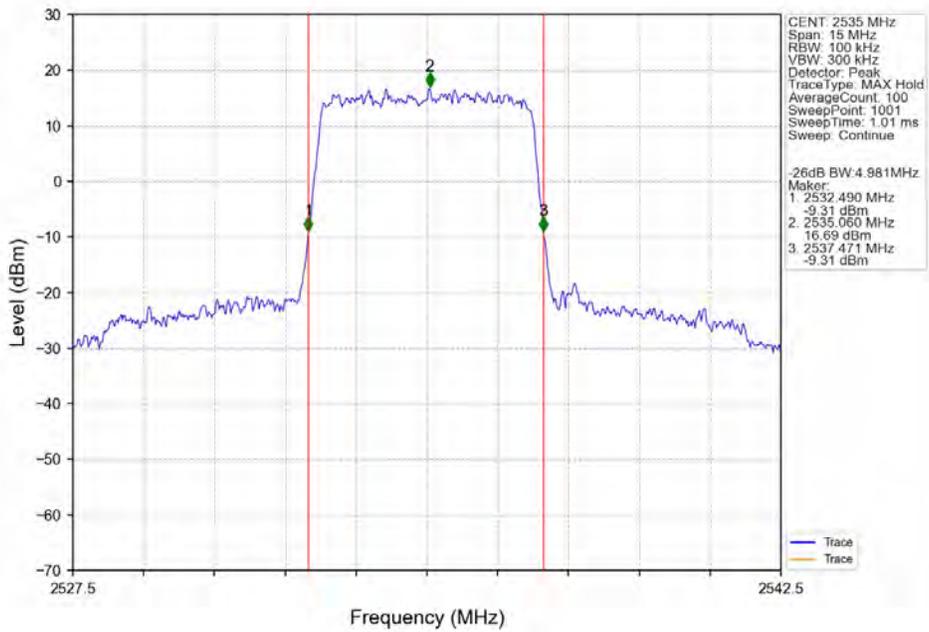
Band7 5MHz 16QAM HCH 2567.5MHz RB 25 0 NTV



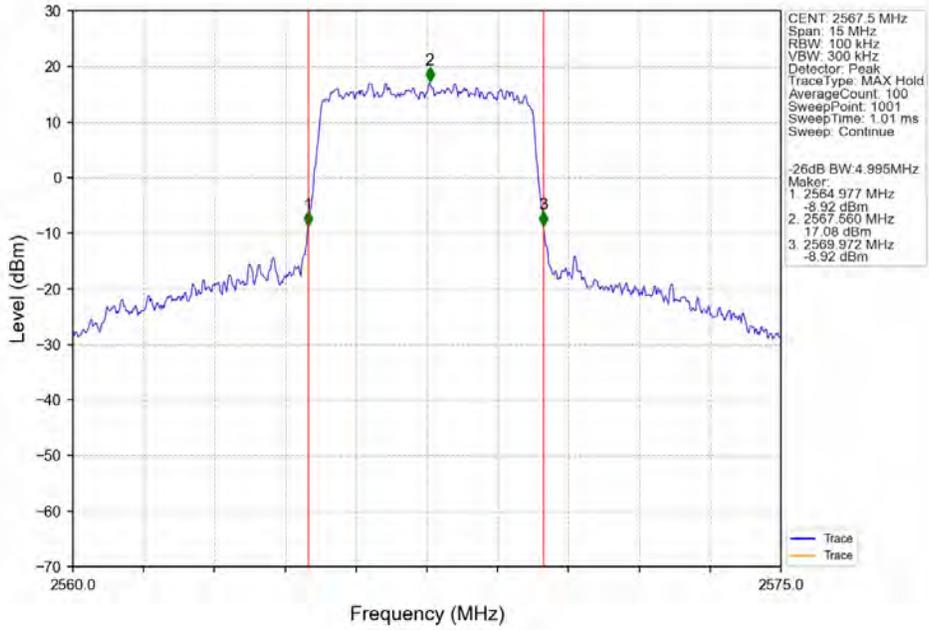
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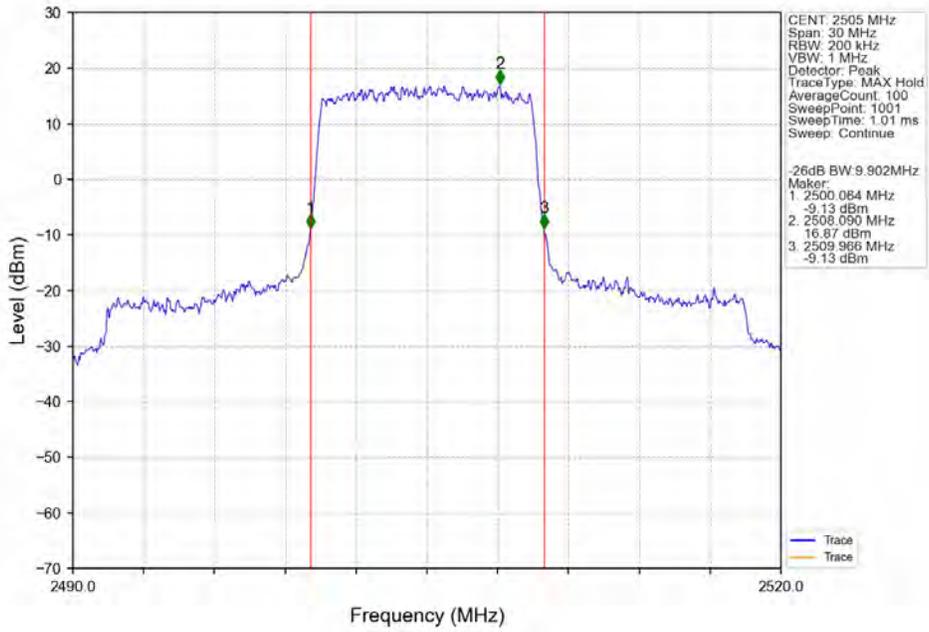
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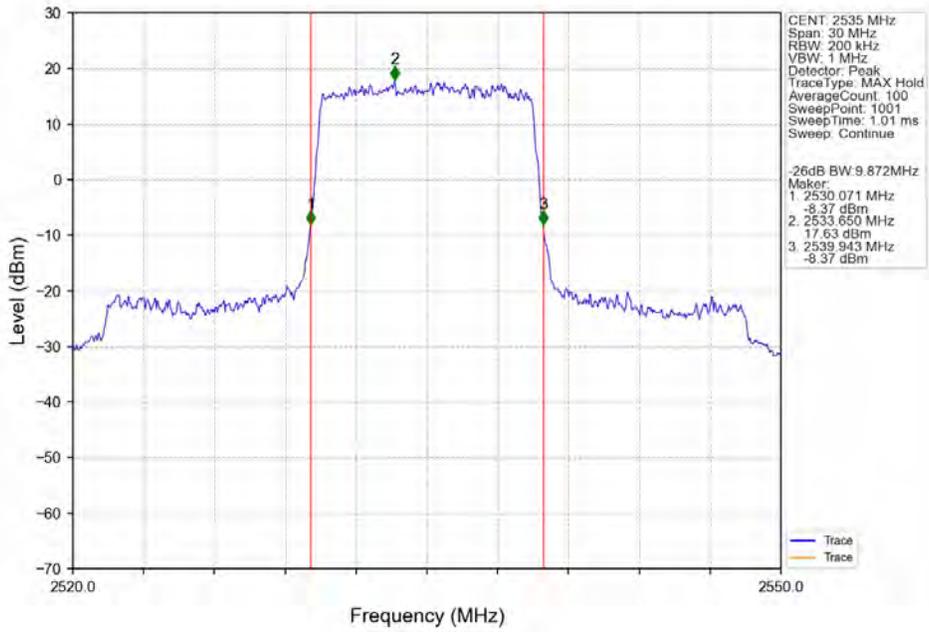
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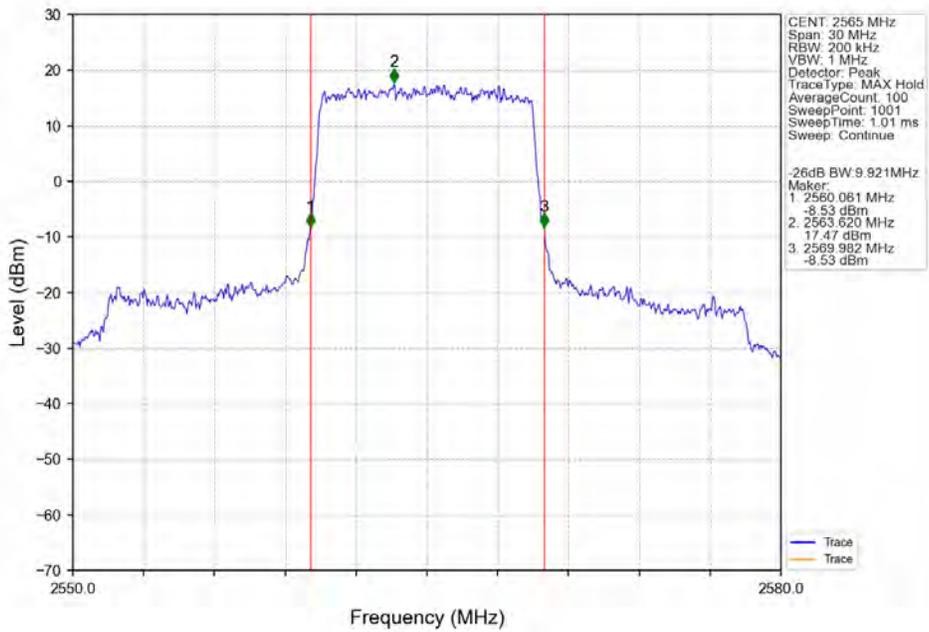
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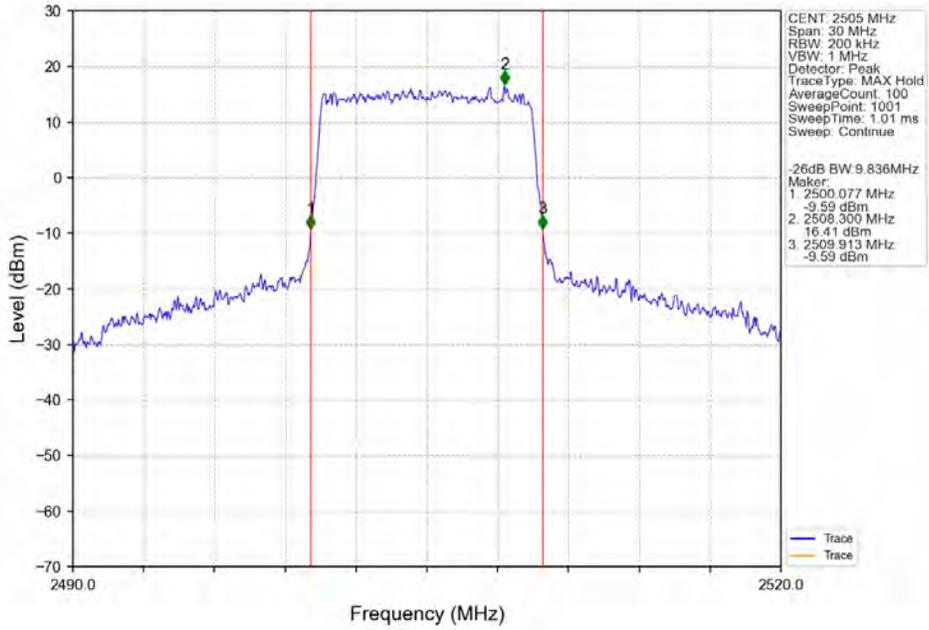
Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTN



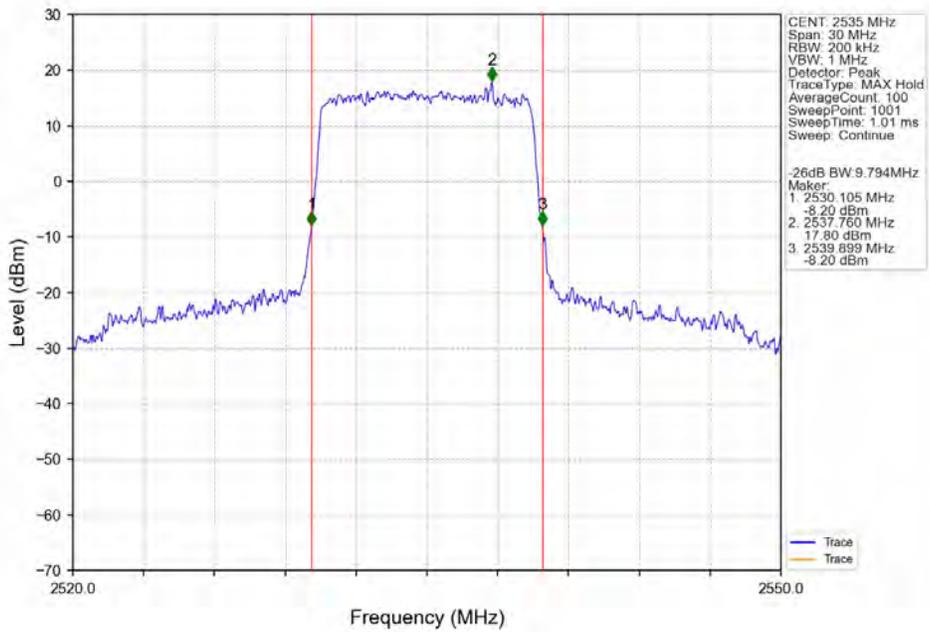
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTN



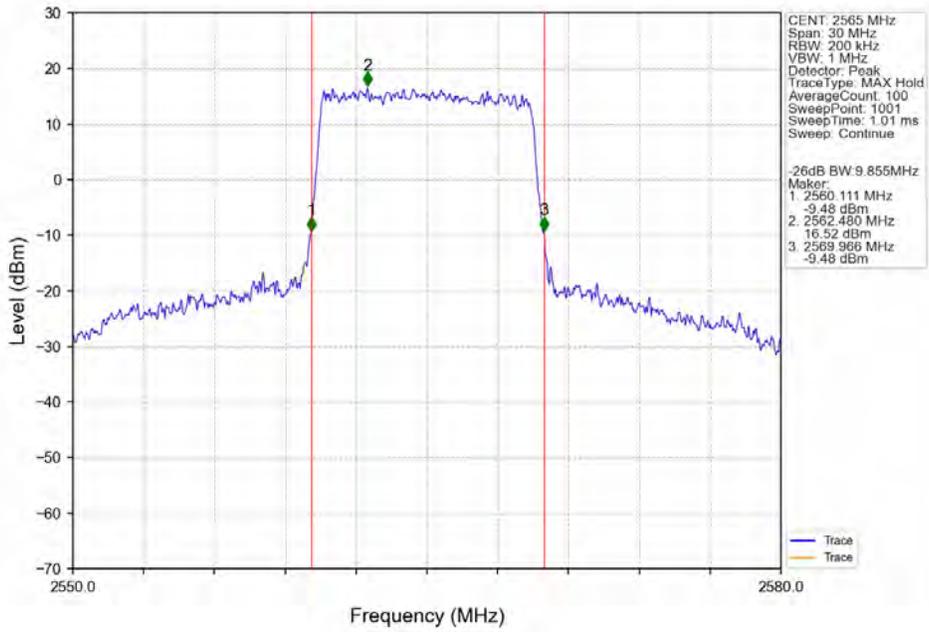
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



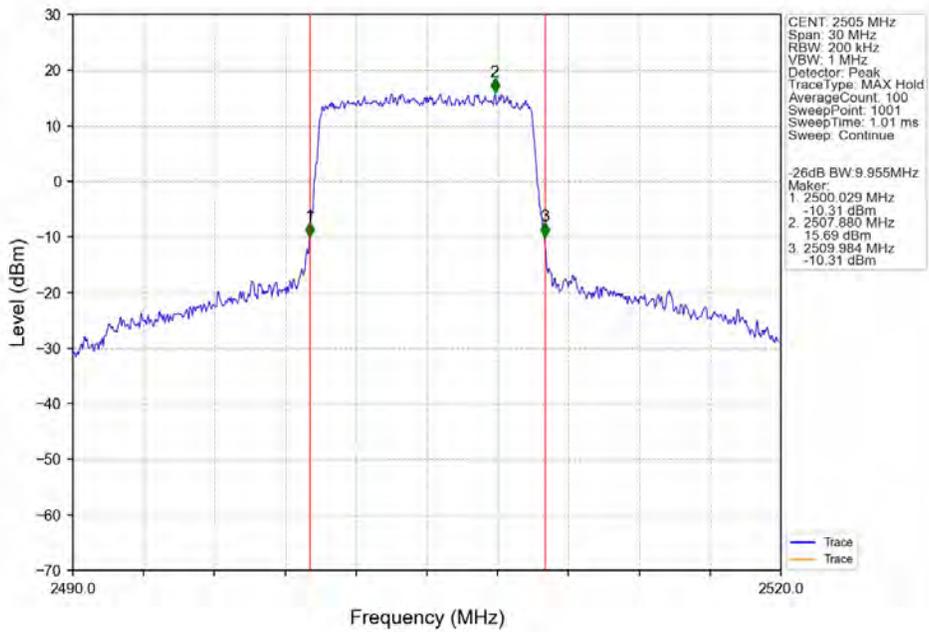
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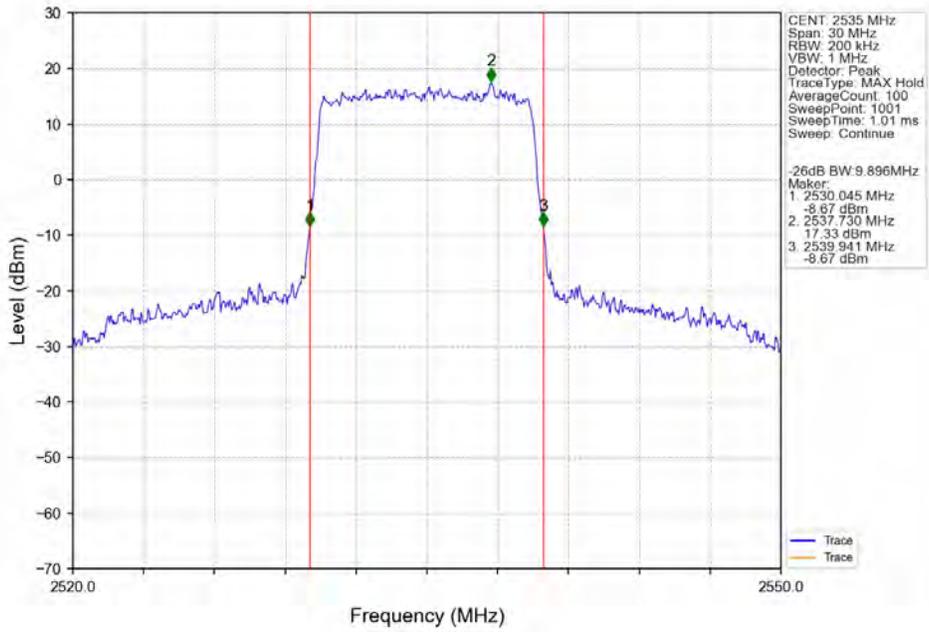
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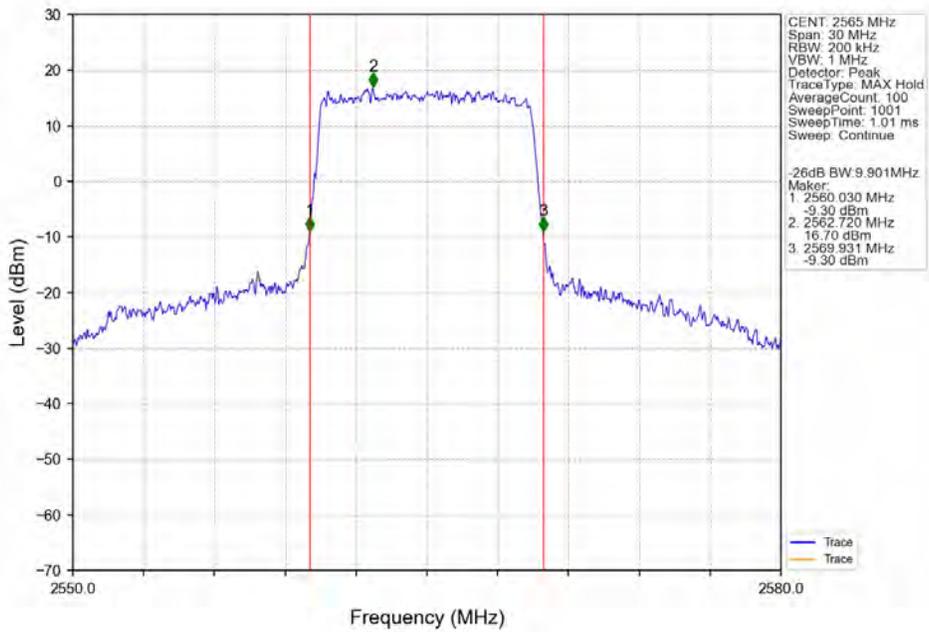
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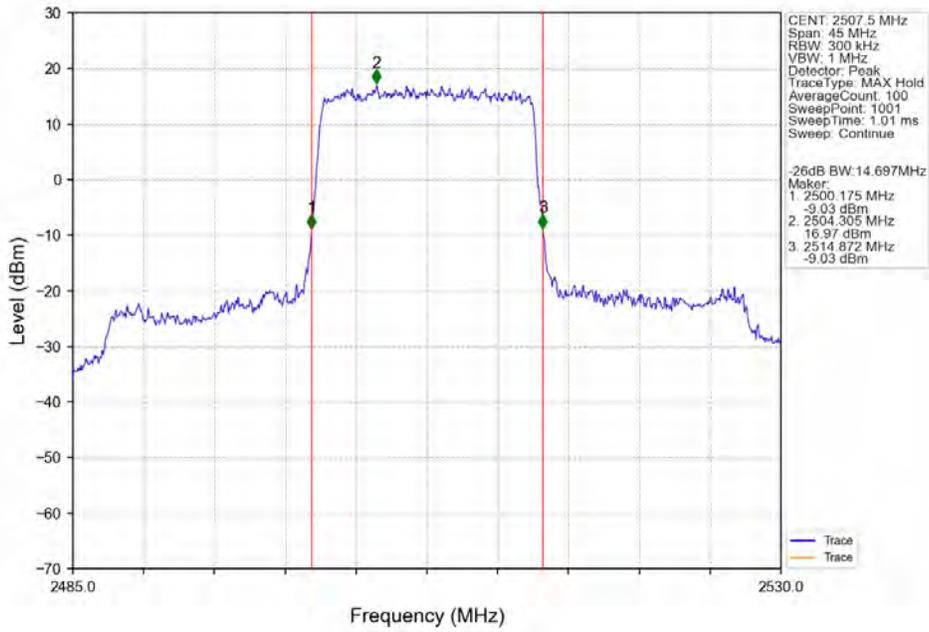
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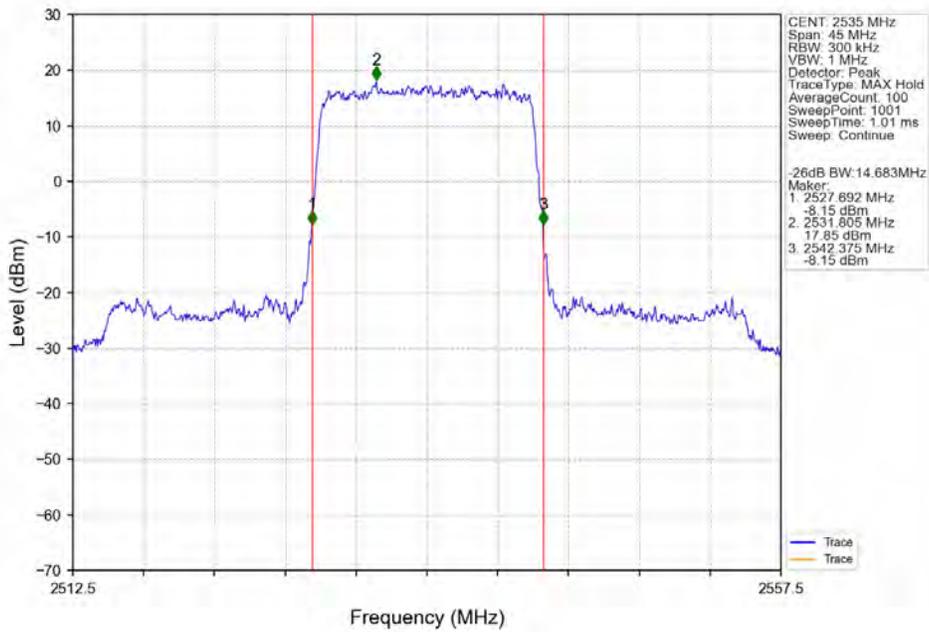
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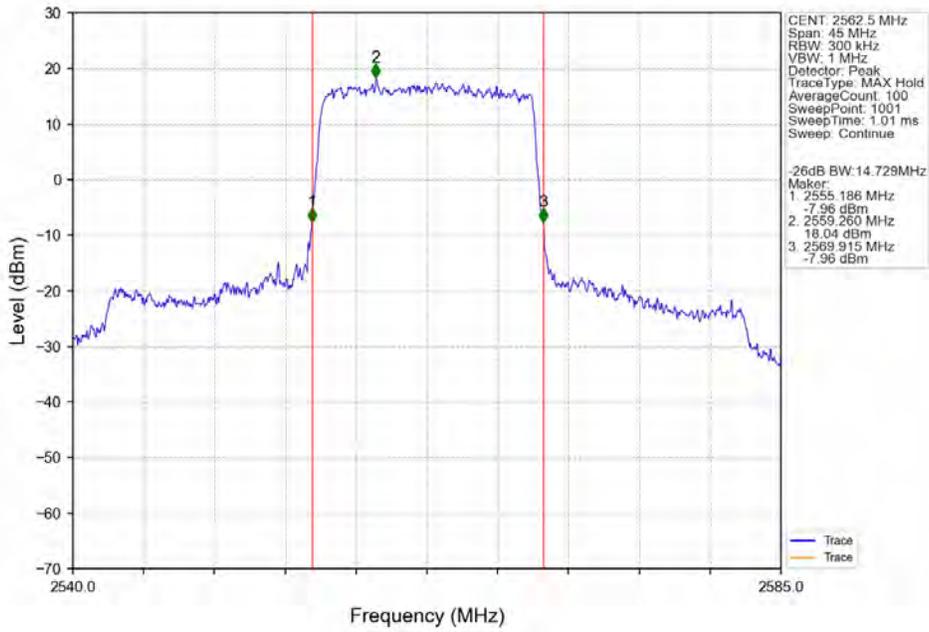
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



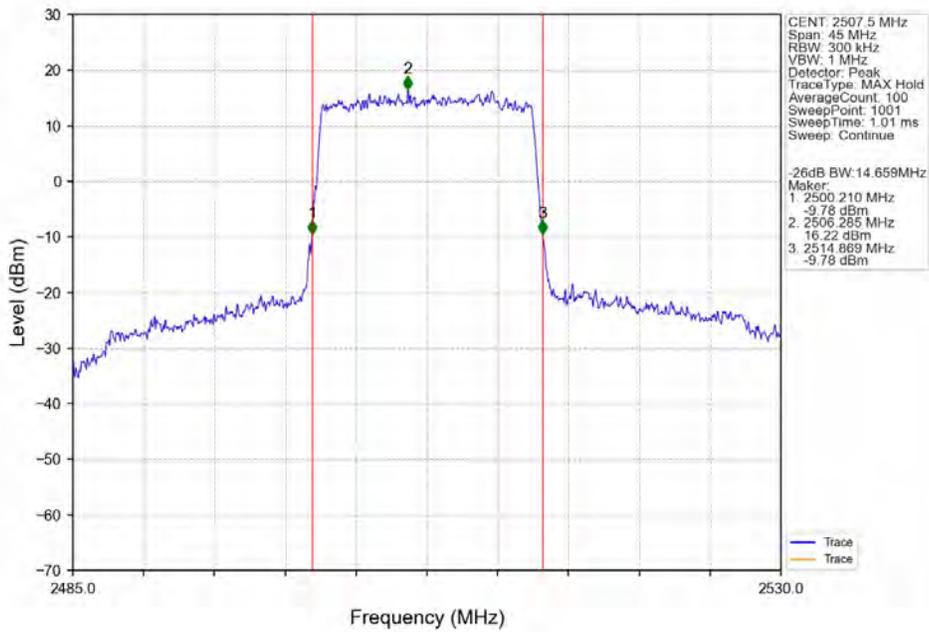
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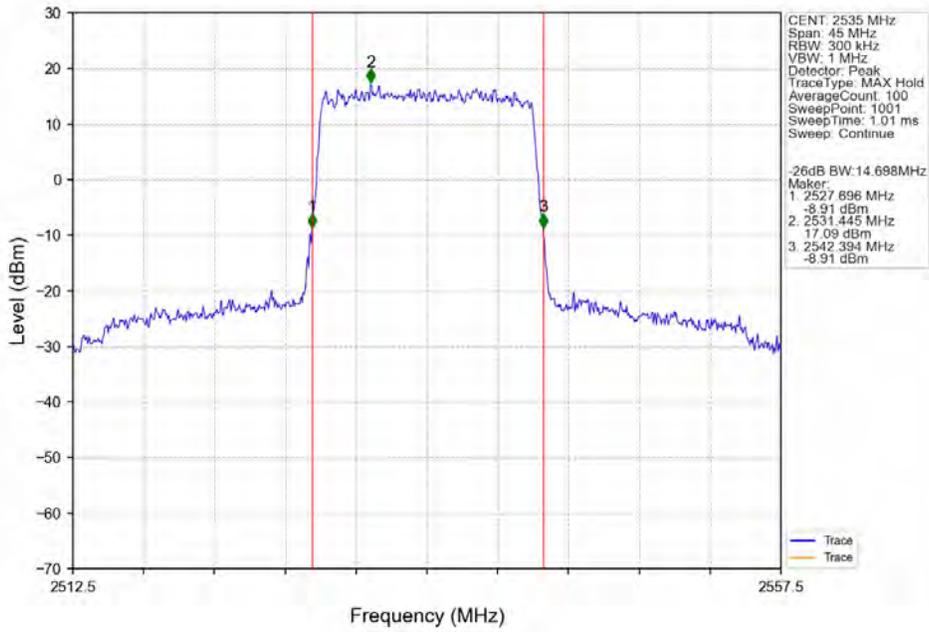
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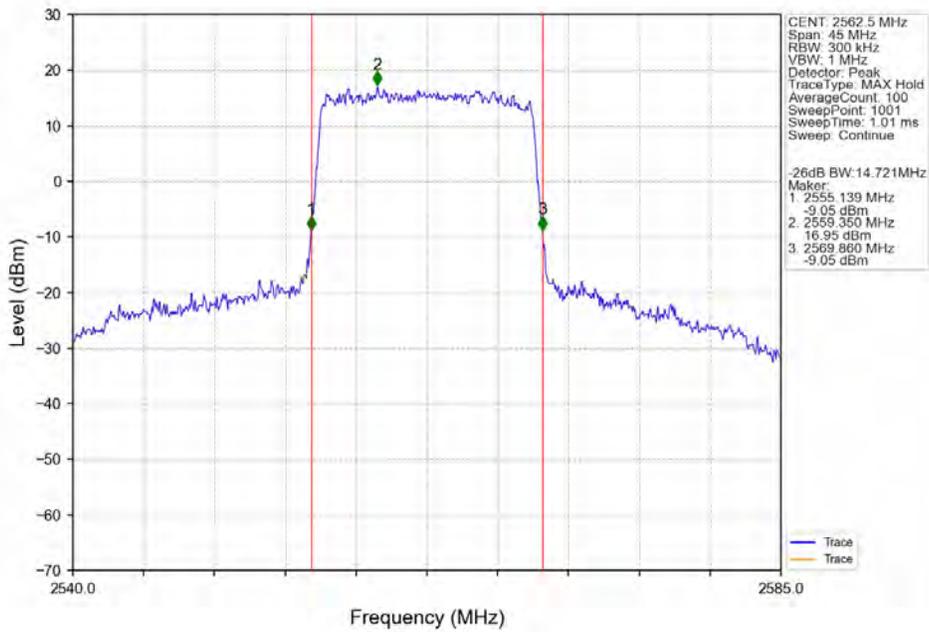
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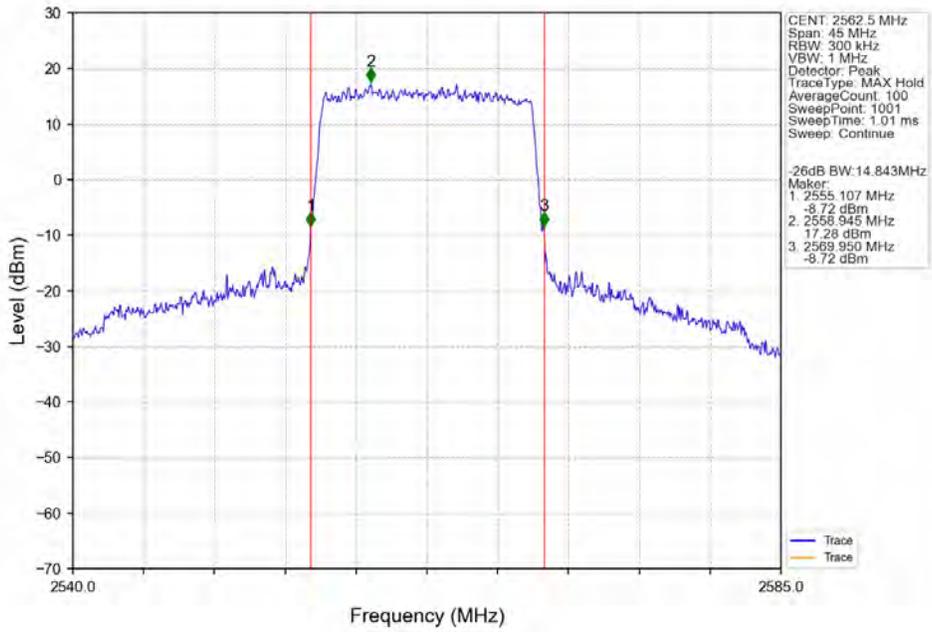
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



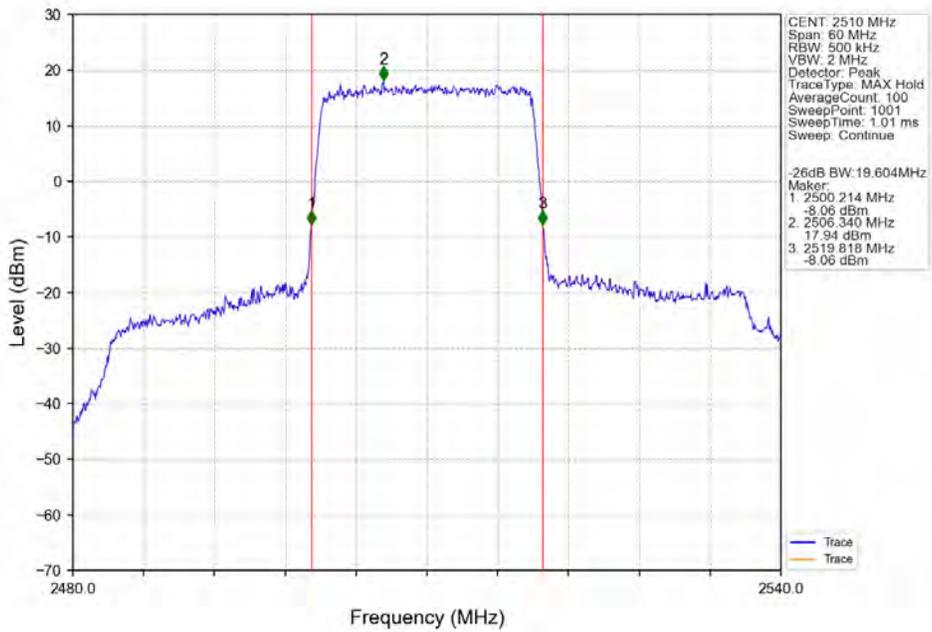
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



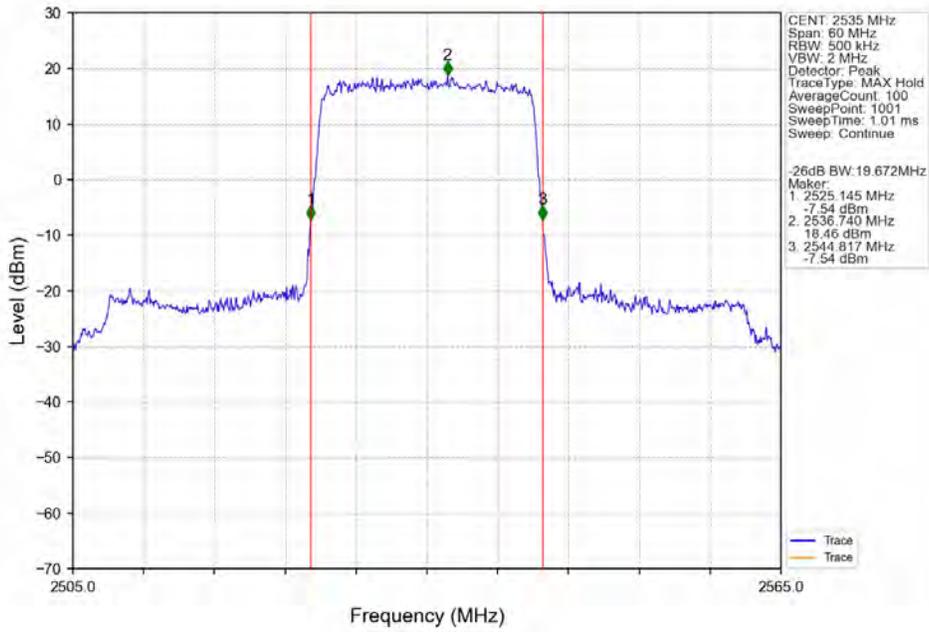
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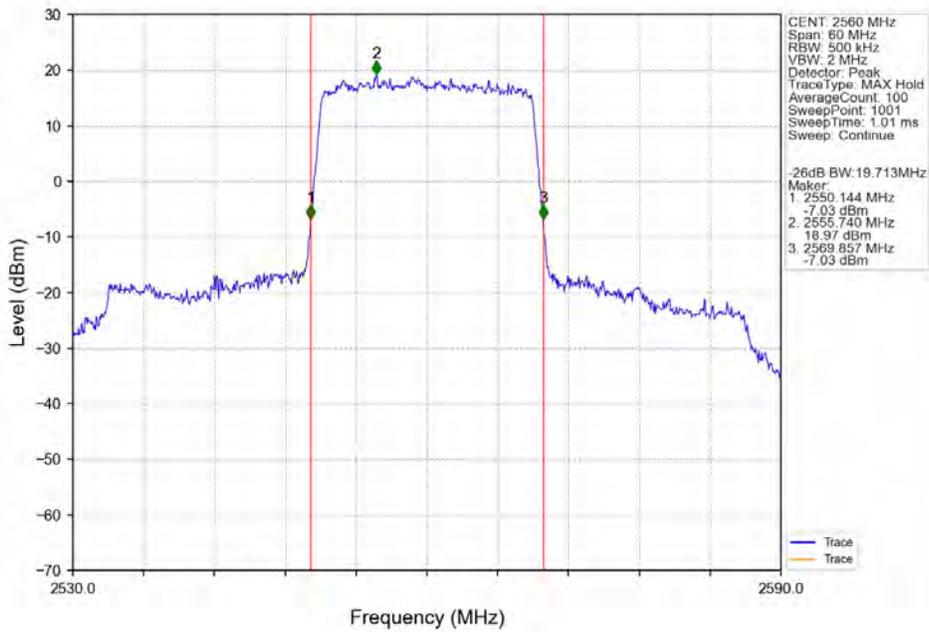
Band7 20MHz QPSK LCH 2510MHz RB 100_0 NTN



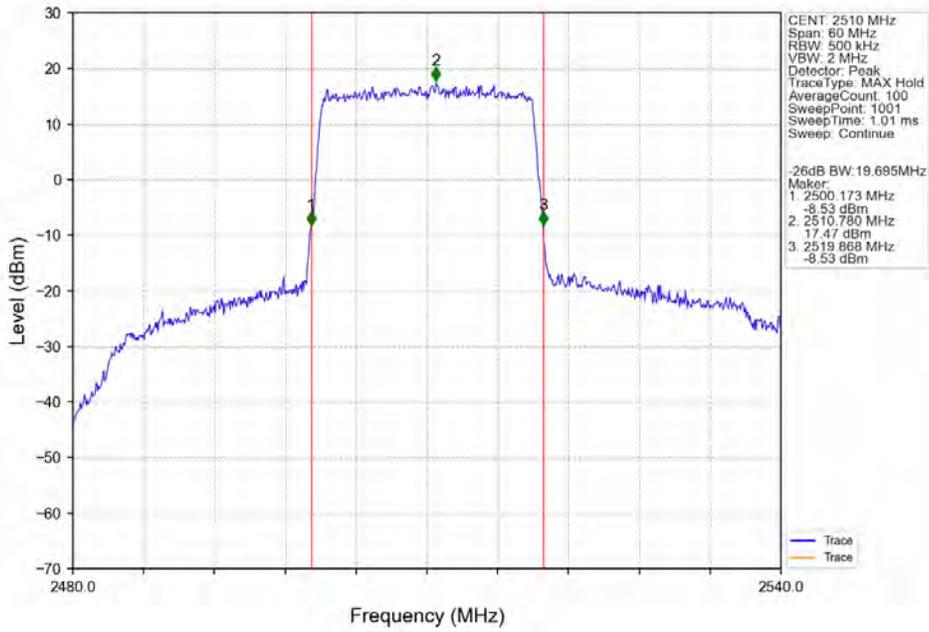
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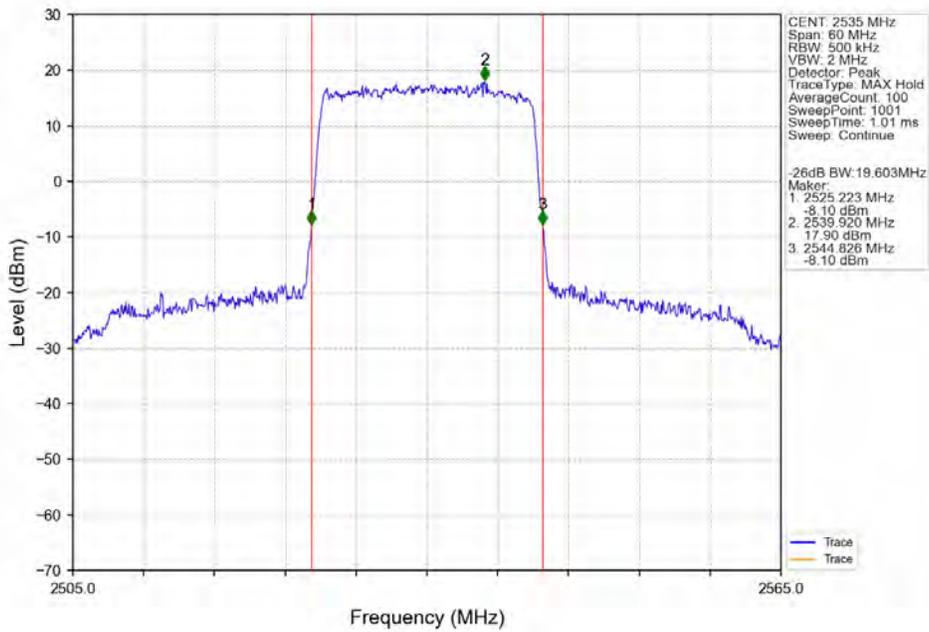
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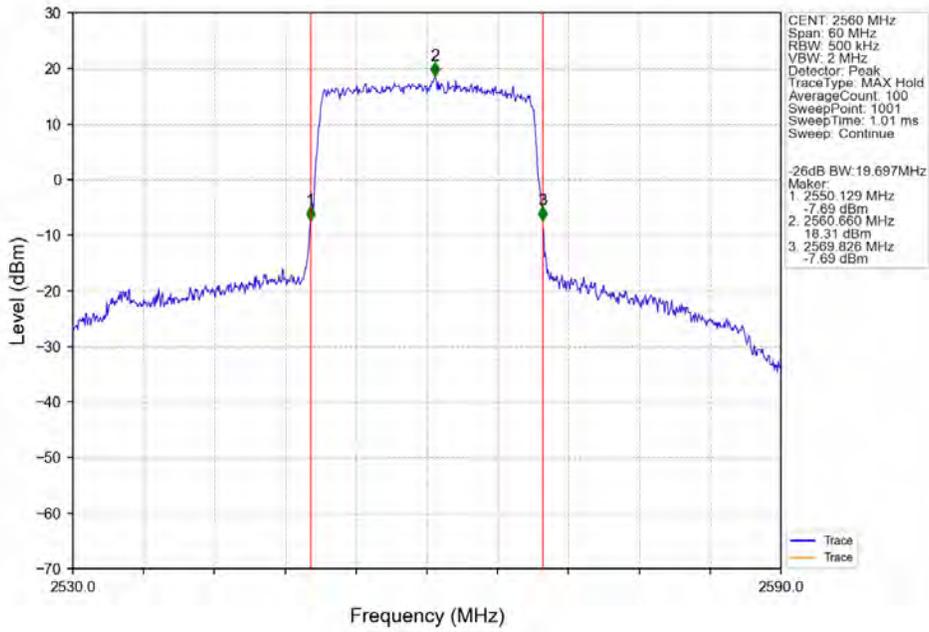
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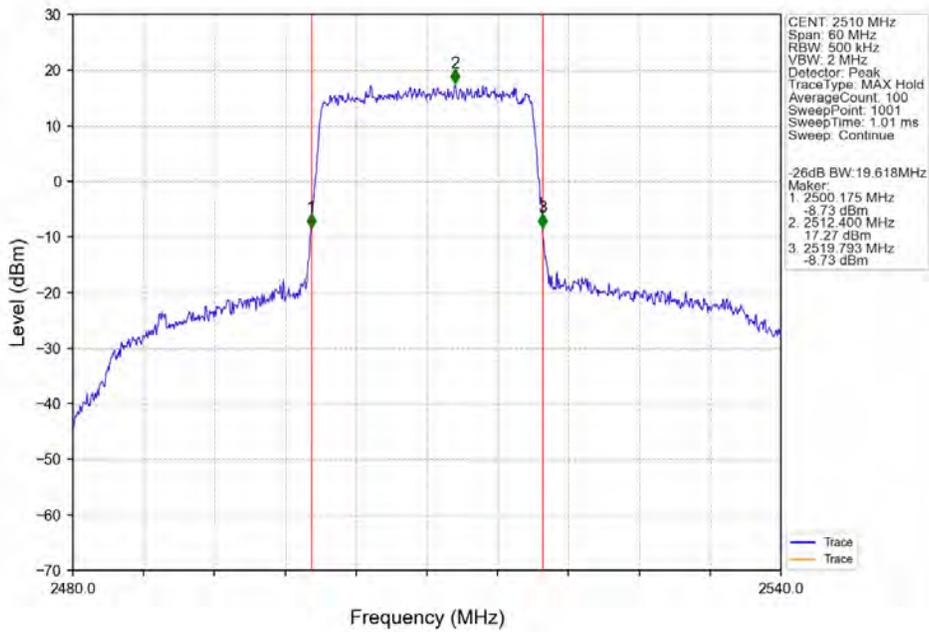
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



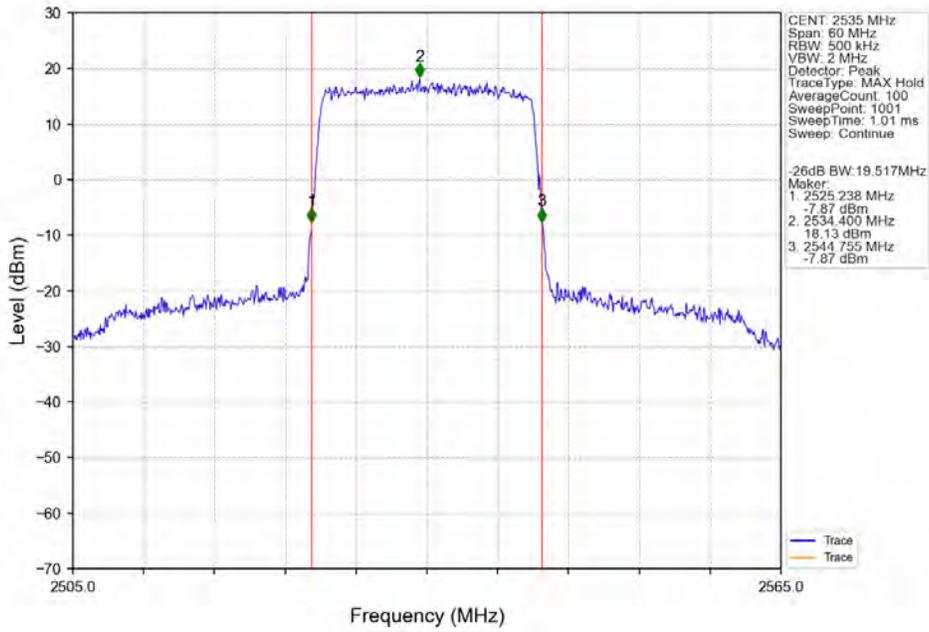
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTV



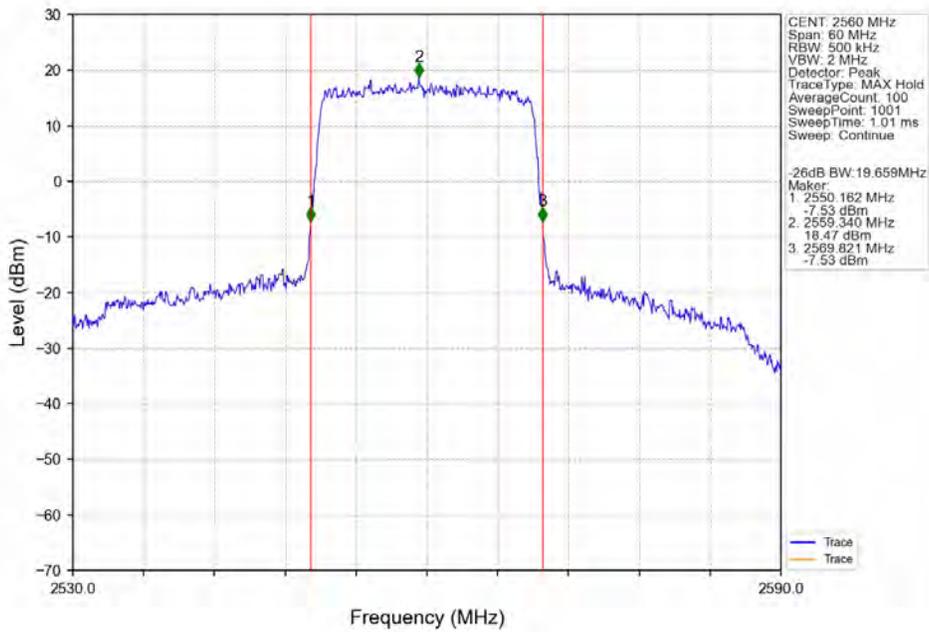
Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 64QAM HCH 2560MHz RB 100 0 NTN



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	4.66	<=13	Pass
	2535	25	0	4.92	<=13	Pass
	2567.5	25	0	4.76	<=13	Pass
16QAM	2502.5	25	0	5.50	<=13	Pass
	2535	25	0	5.70	<=13	Pass
	2567.5	25	0	5.52	<=13	Pass
64QAM	2502.5	25	0	5.36	<=13	Pass
	2535	25	0	5.72	<=13	Pass
	2567.5	25	0	5.30	<=13	Pass

4.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	4.70	<=13	Pass
	2535	50	0	4.90	<=13	Pass
	2565	50	0	4.68	<=13	Pass
16QAM	2505	50	0	5.48	<=13	Pass
	2535	50	0	5.80	<=13	Pass
	2565	50	0	5.48	<=13	Pass
64QAM	2505	50	0	5.44	<=13	Pass
	2535	50	0	5.78	<=13	Pass
	2565	50	0	5.46	<=13	Pass

4.1.3 B7_15MHz

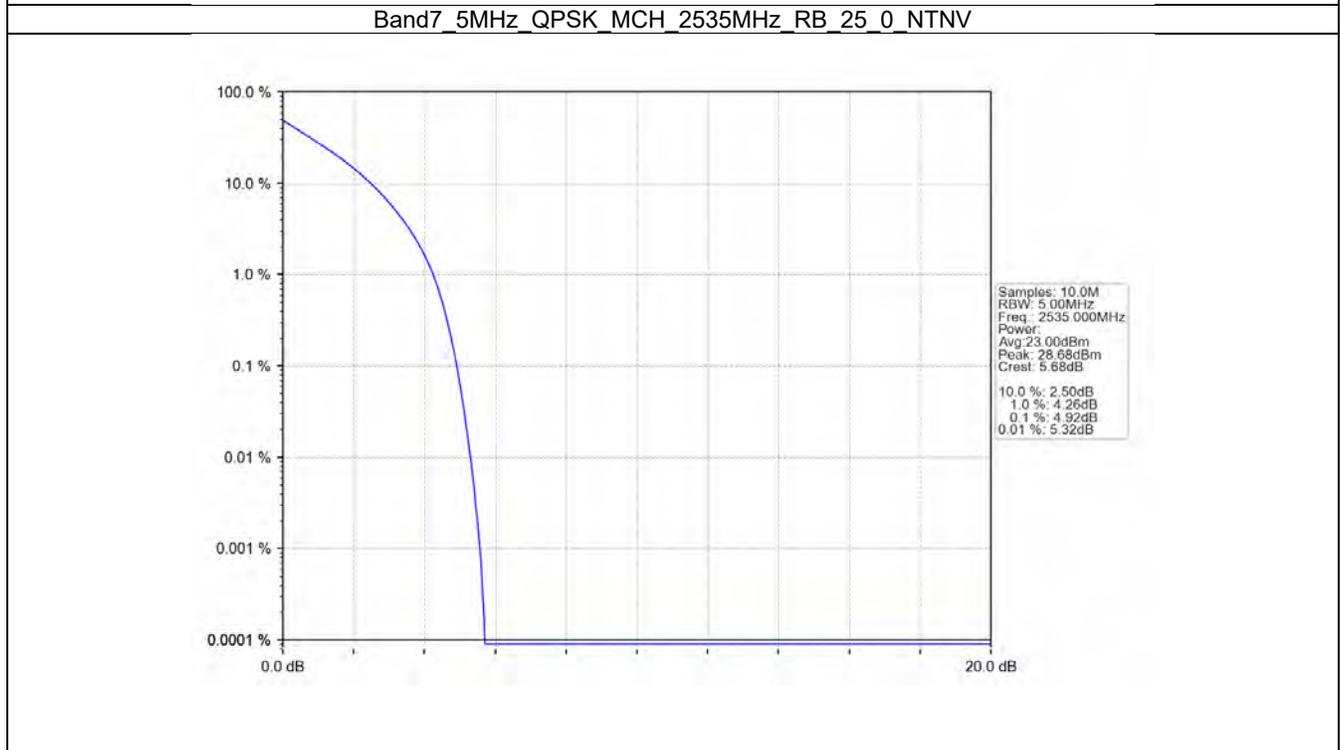
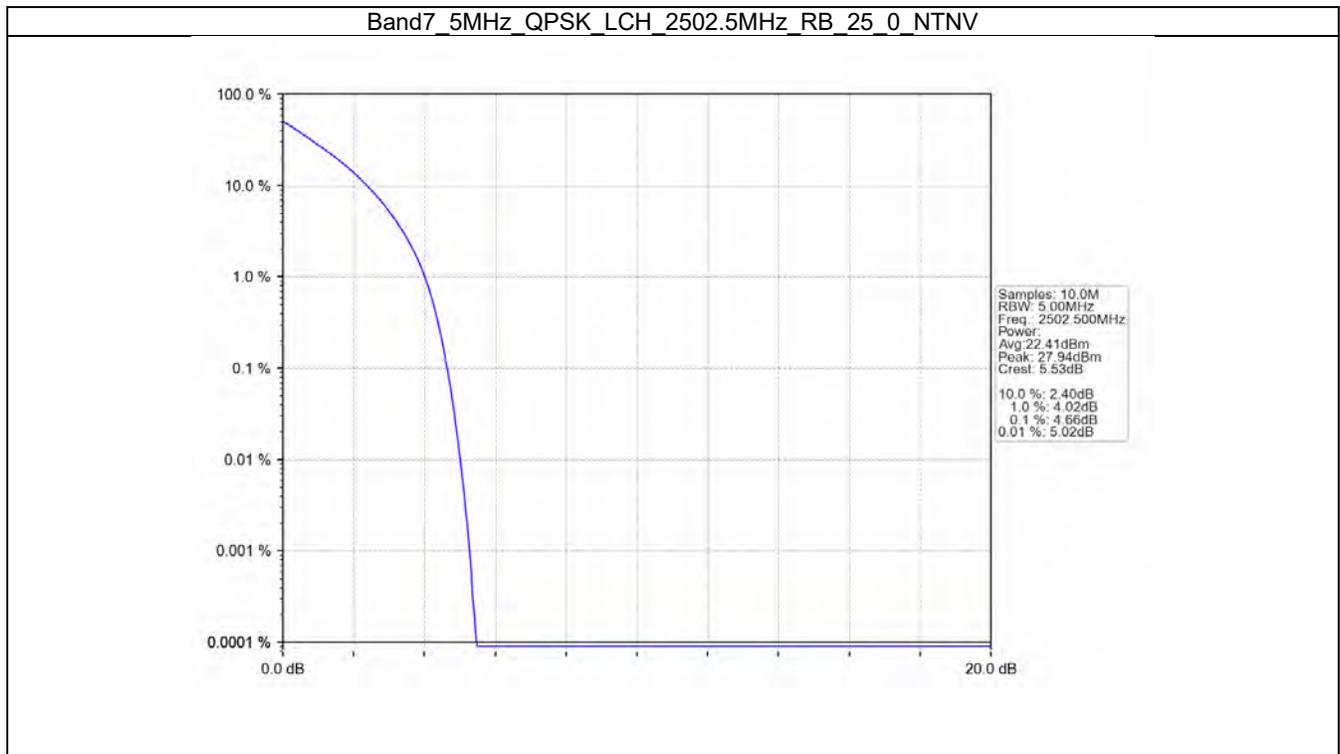
Band: 7 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	4.64	<=13	Pass
	2535	75	0	4.80	<=13	Pass
	2562.5	75	0	4.40	<=13	Pass
16QAM	2507.5	75	0	5.42	<=13	Pass
	2535	75	0	5.62	<=13	Pass
	2562.5	75	0	5.26	<=13	Pass
64QAM	2507.5	75	0	5.36	<=13	Pass
	2535	75	0	5.60	<=13	Pass
	2562.5	75	0	5.24	<=13	Pass

4.1.4 B7_20MHz

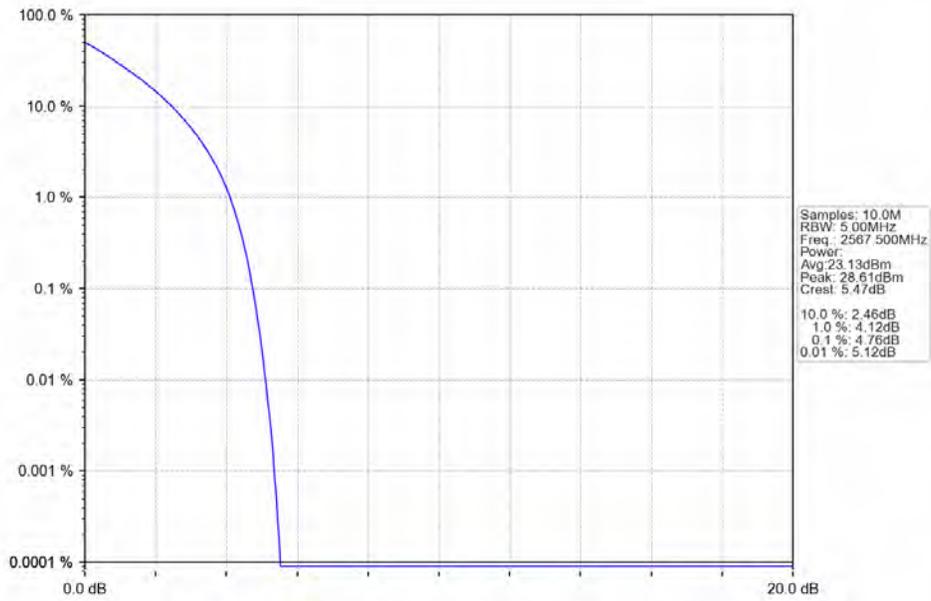
Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	4.80	<=13	Pass
	2535	100	0	4.94	<=13	Pass
	2560	100	0	4.68	<=13	Pass
16QAM	2510	100	0	5.70	<=13	Pass
	2535	100	0	5.74	<=13	Pass
	2560	100	0	5.42	<=13	Pass
64QAM	2510	100	0	5.68	<=13	Pass
	2535	100	0	5.82	<=13	Pass
	2560	100	0	5.50	<=13	Pass

4.2 Test Graph

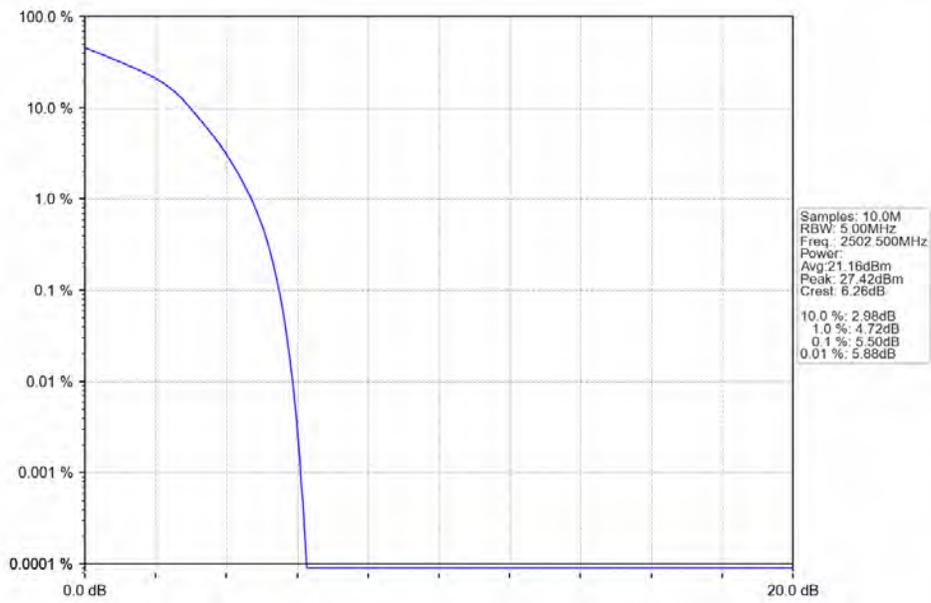
4.2.1 B7_5MHz



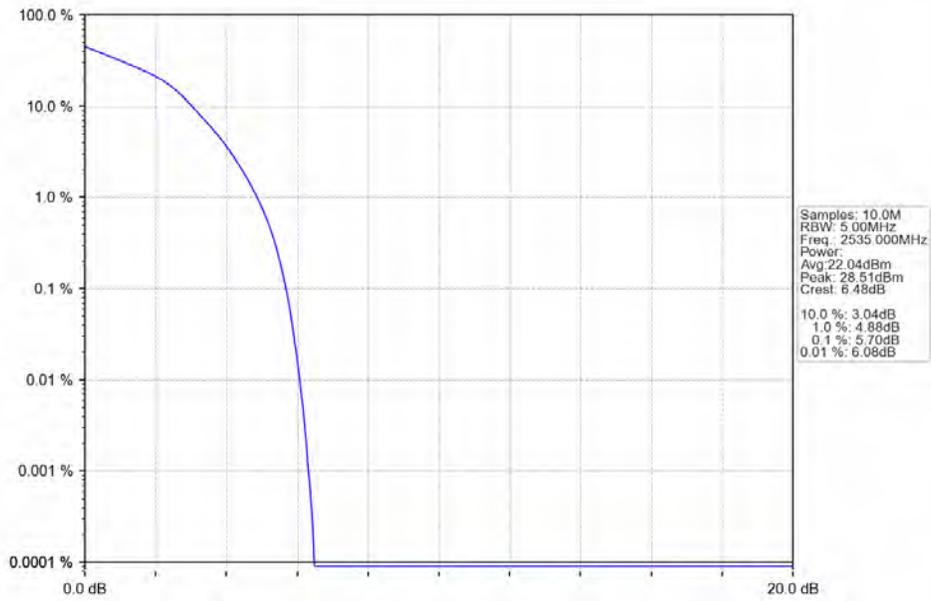
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



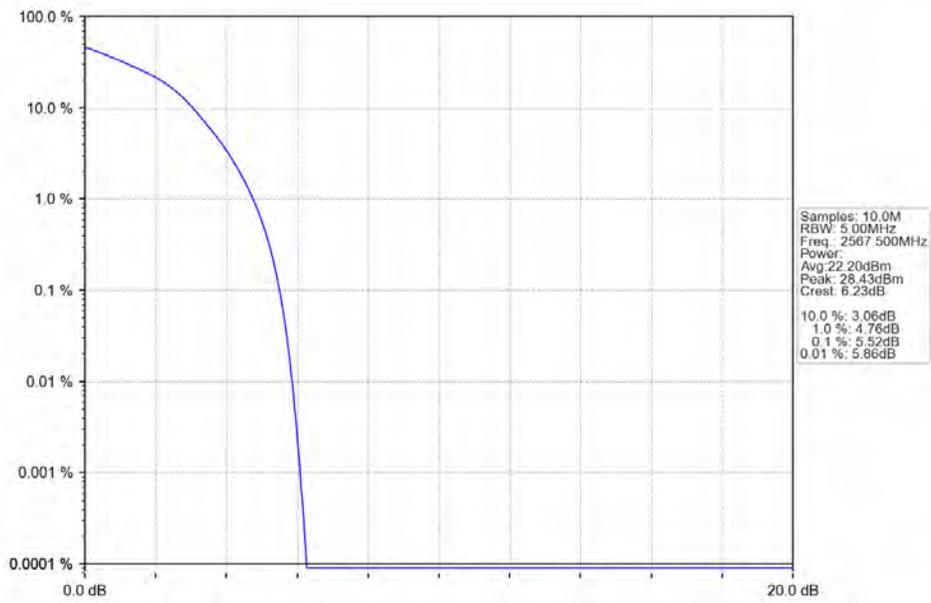
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



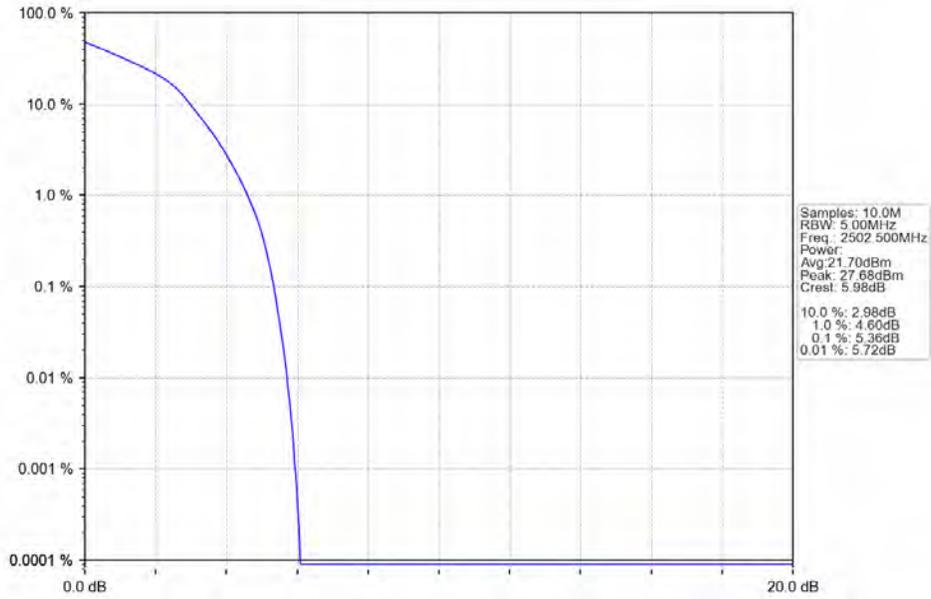
Band7 5MHz 16QAM MCH 2535MHz RB 25_0 NTV



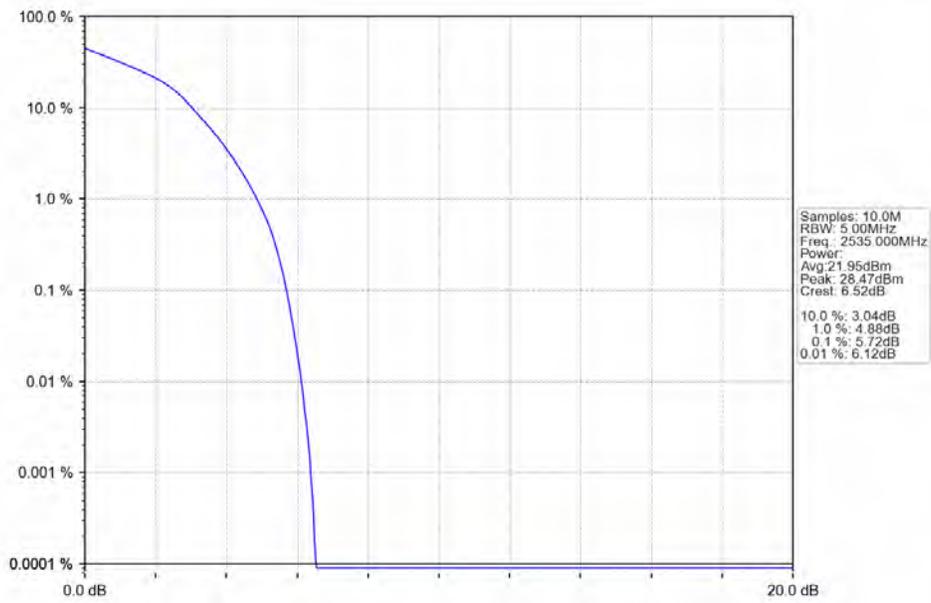
Band7 5MHz 16QAM HCH 2567.5MHz RB 25_0 NTV



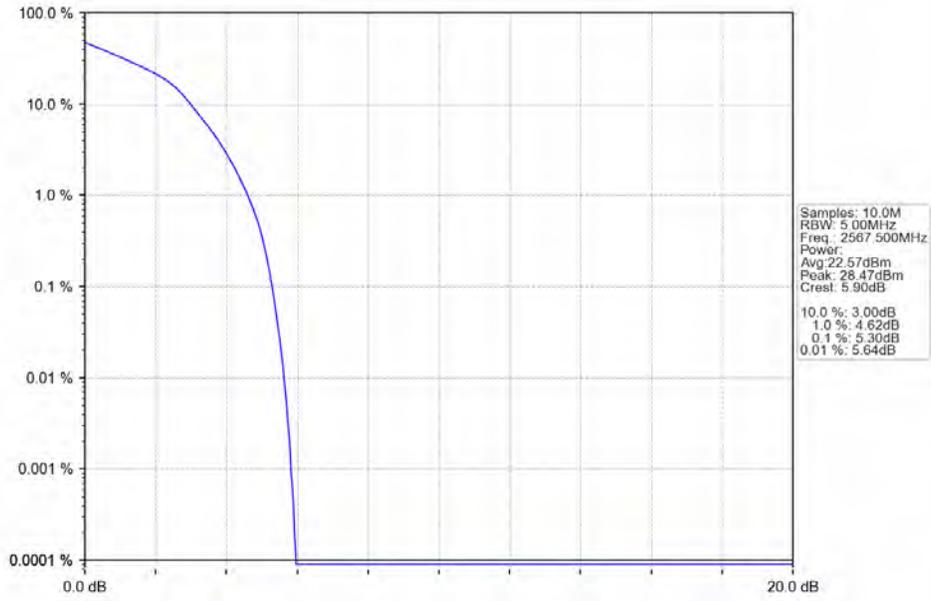
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV

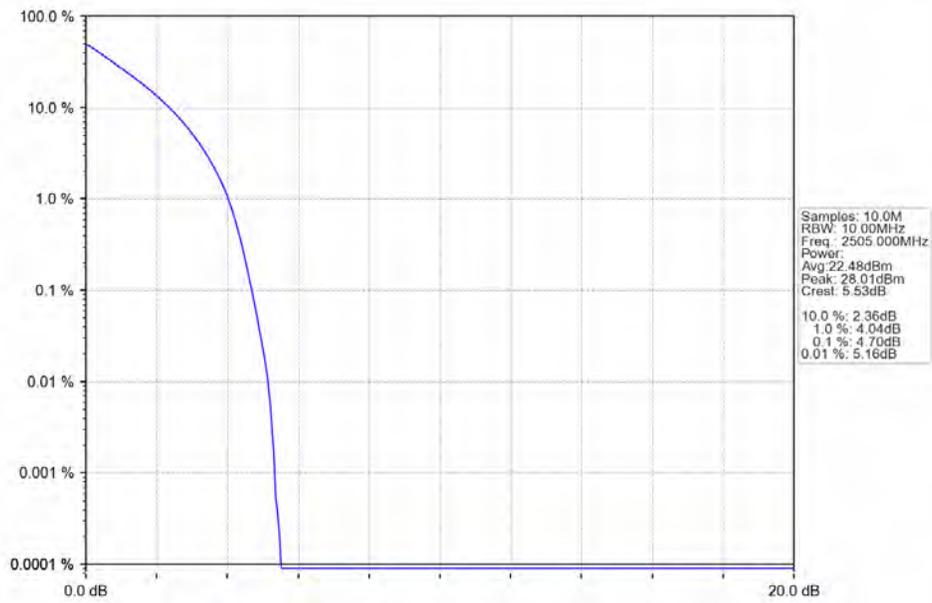


Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV

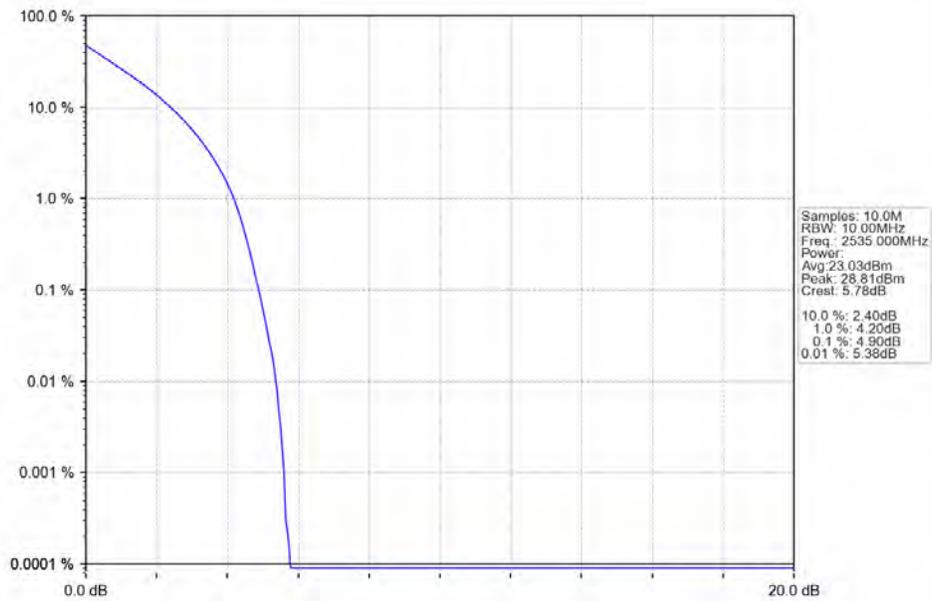


4.2.2 B7_10MHz

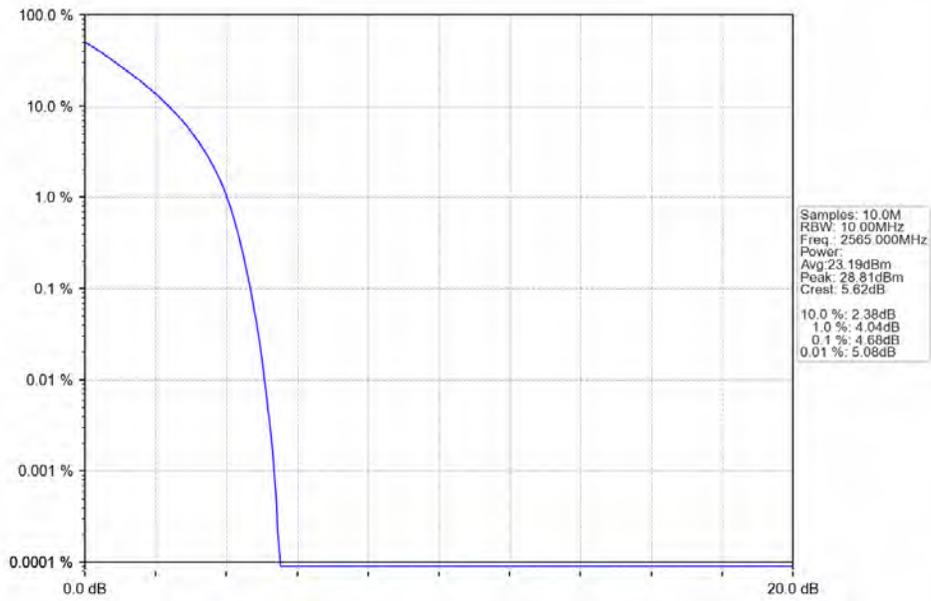
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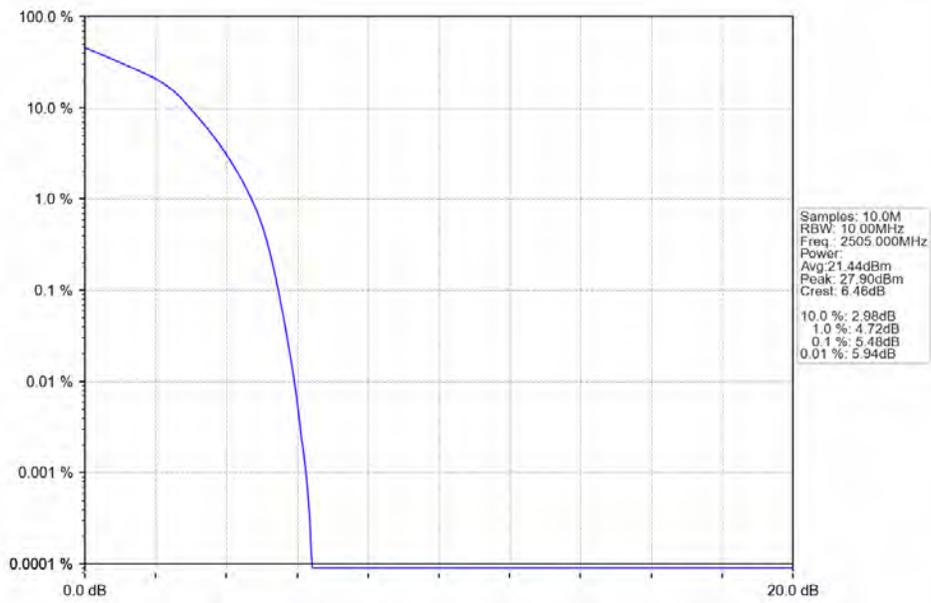
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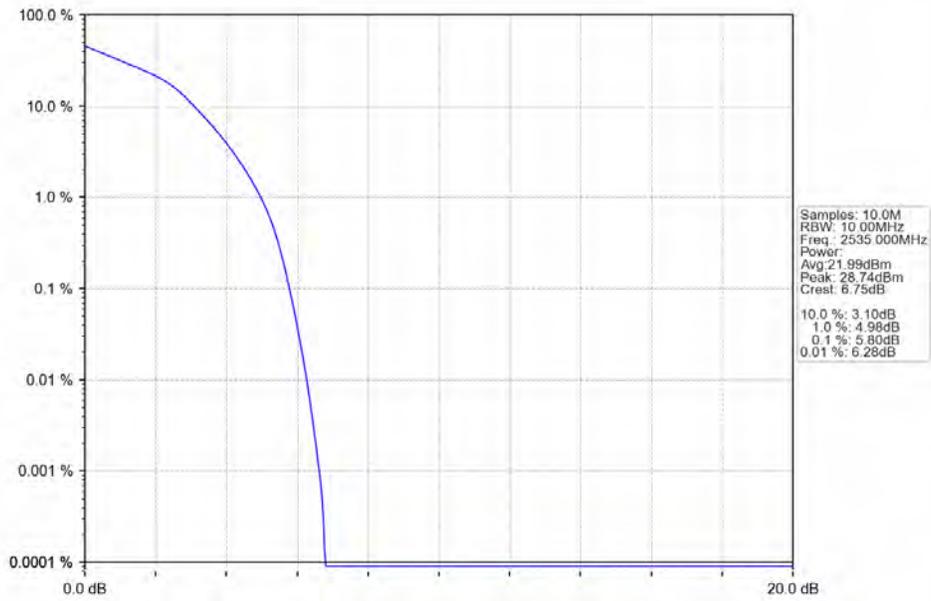
Band7 10MHz QPSK HCH 2565MHz RB 50 0 NTV



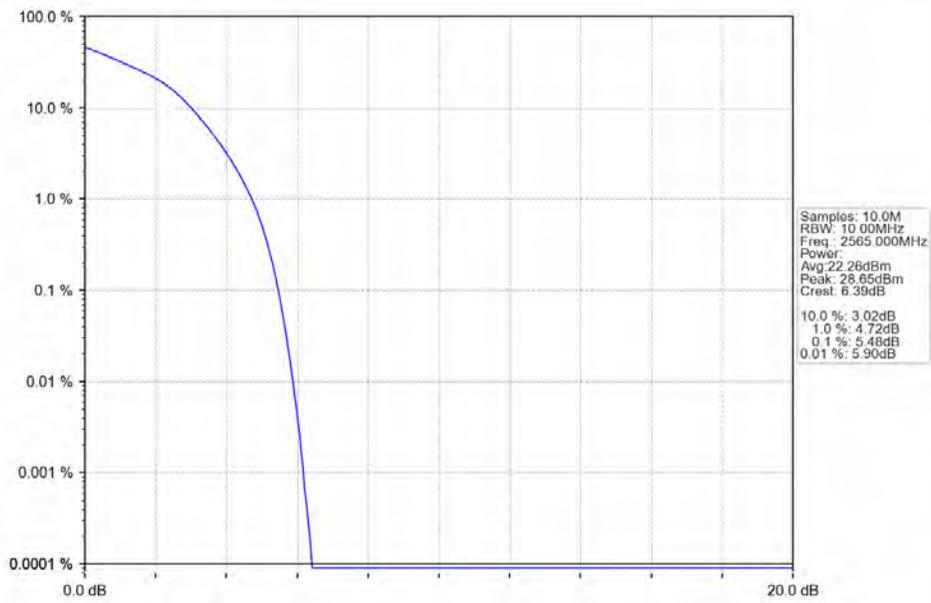
Band7 10MHz 16QAM LCH 2505MHz RB 50 0 NTV



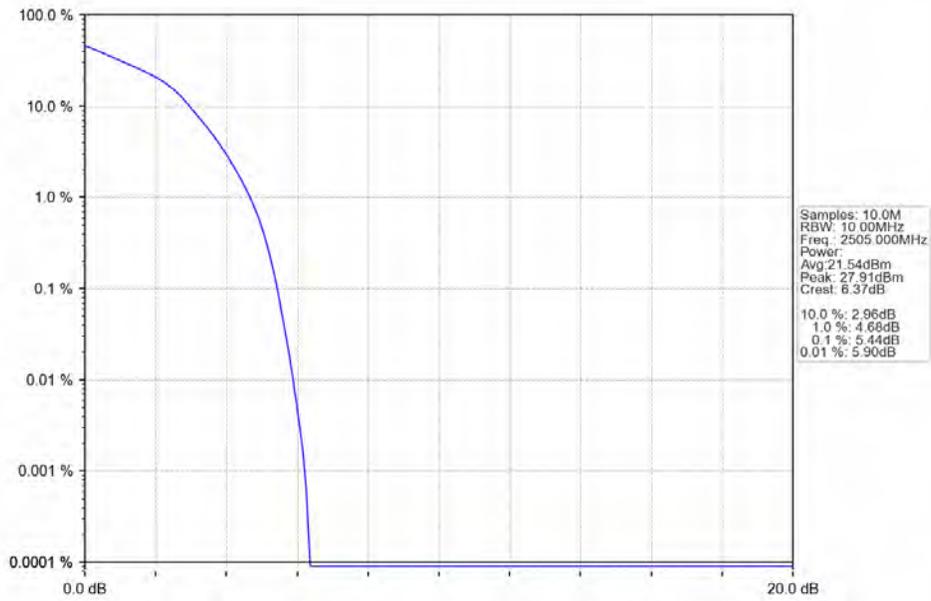
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



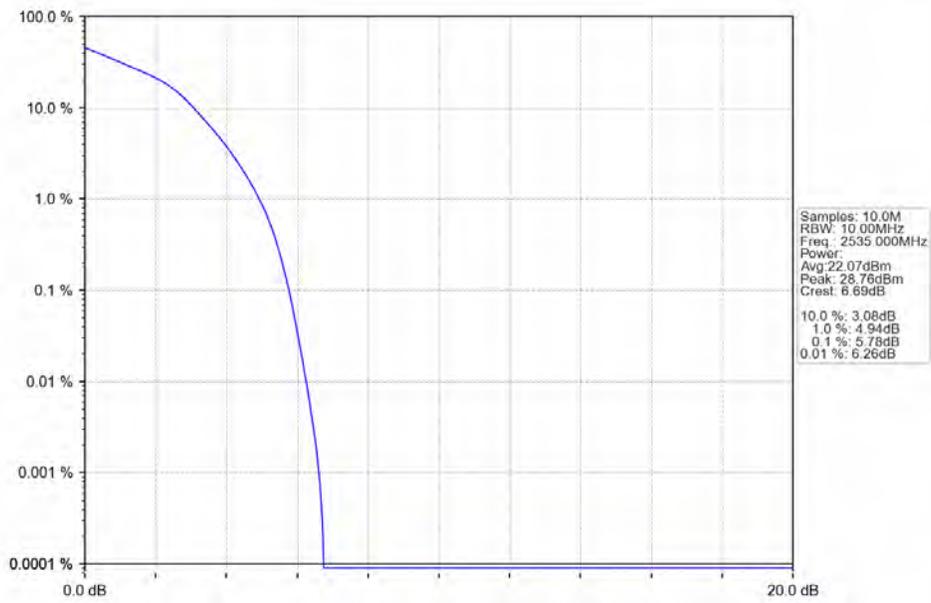
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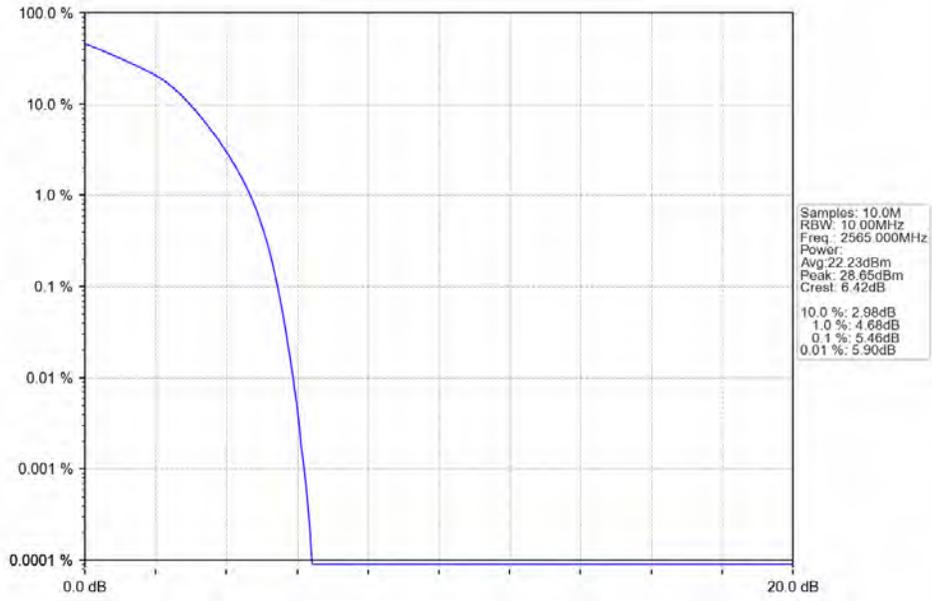
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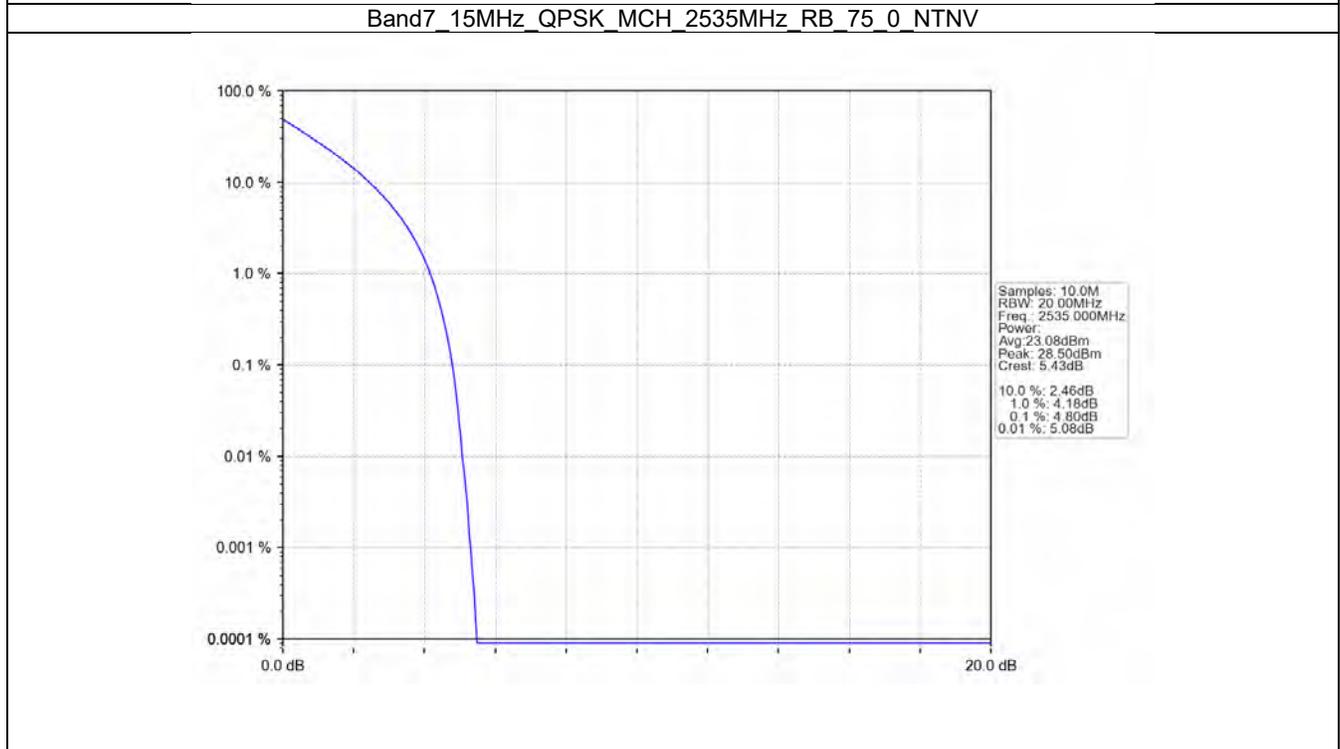
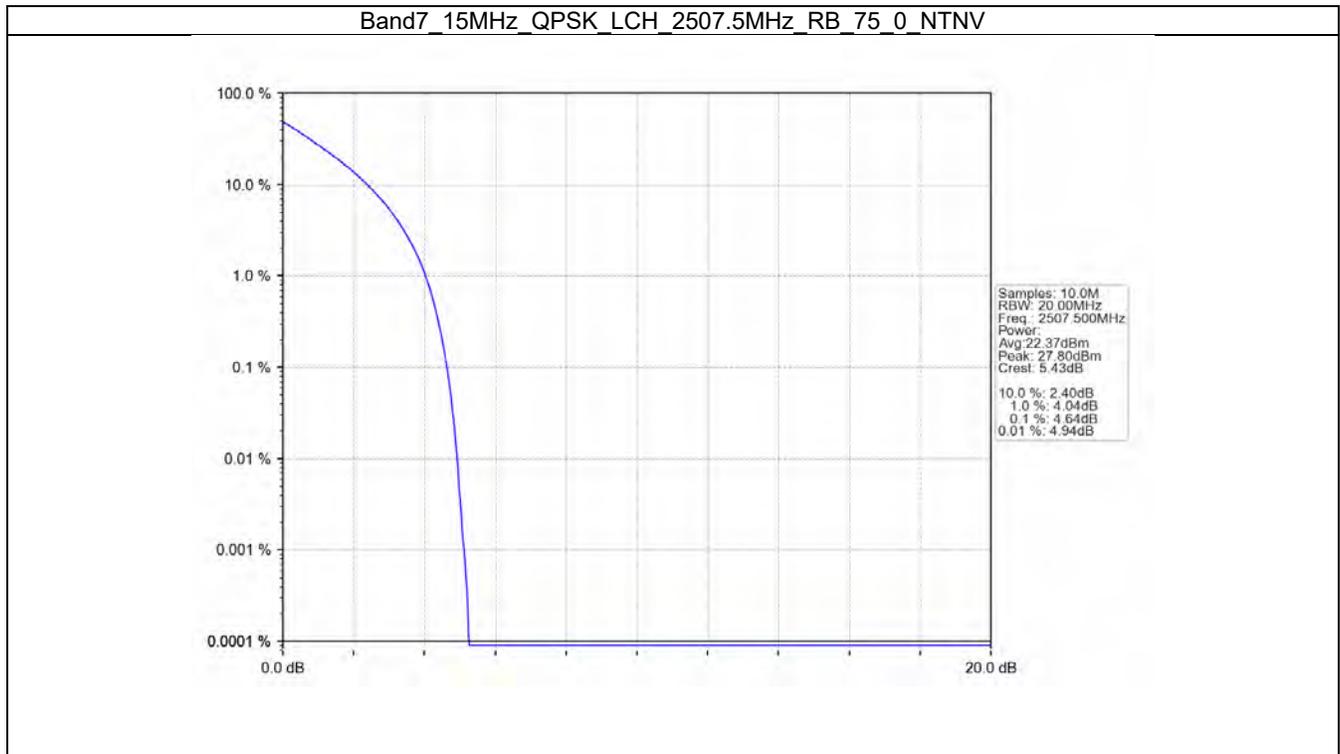
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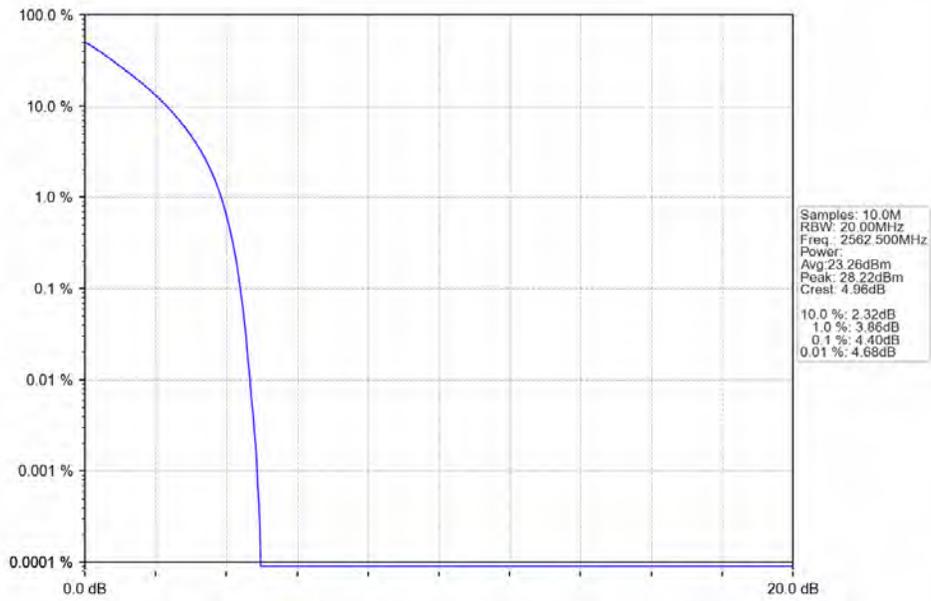
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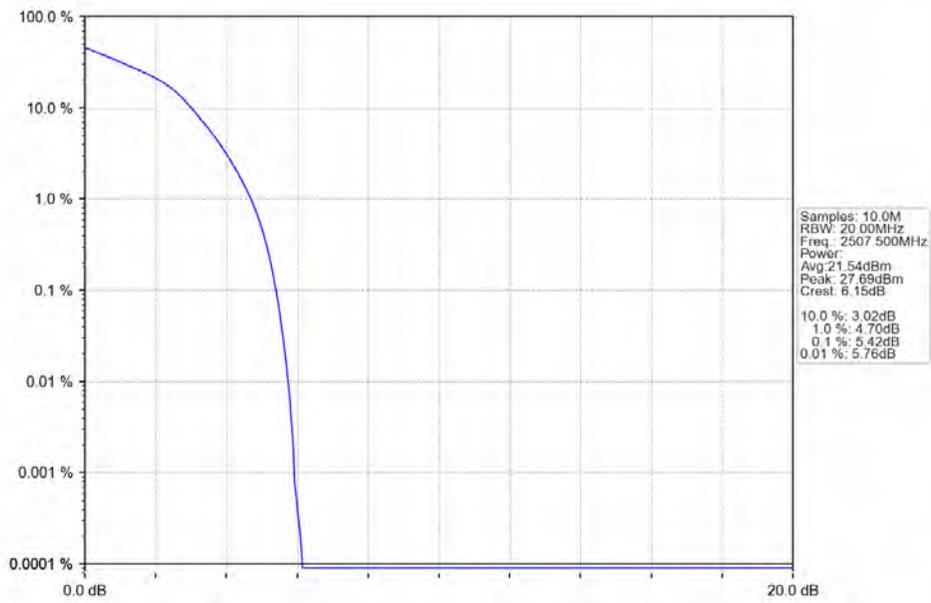
4.2.3 B7_15MHz



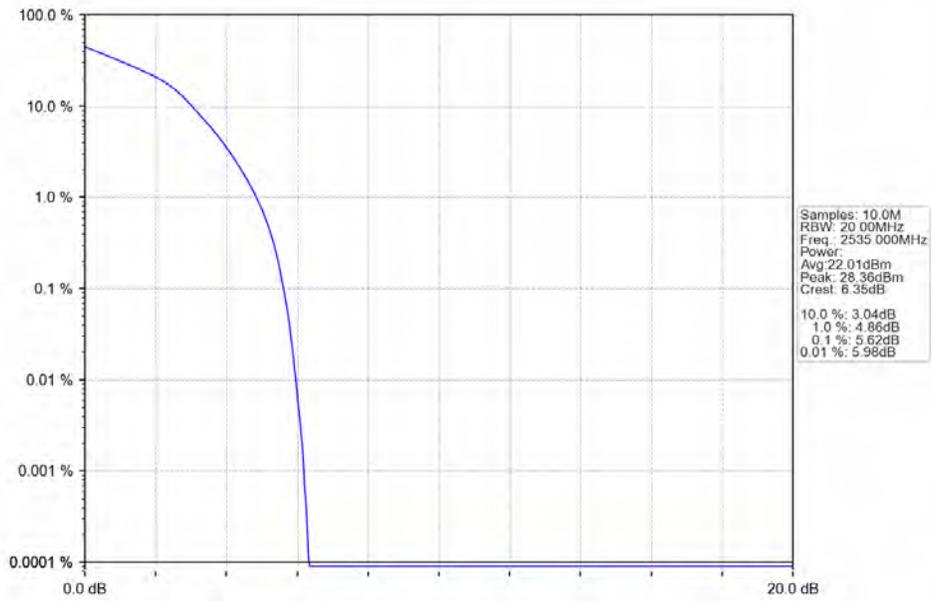
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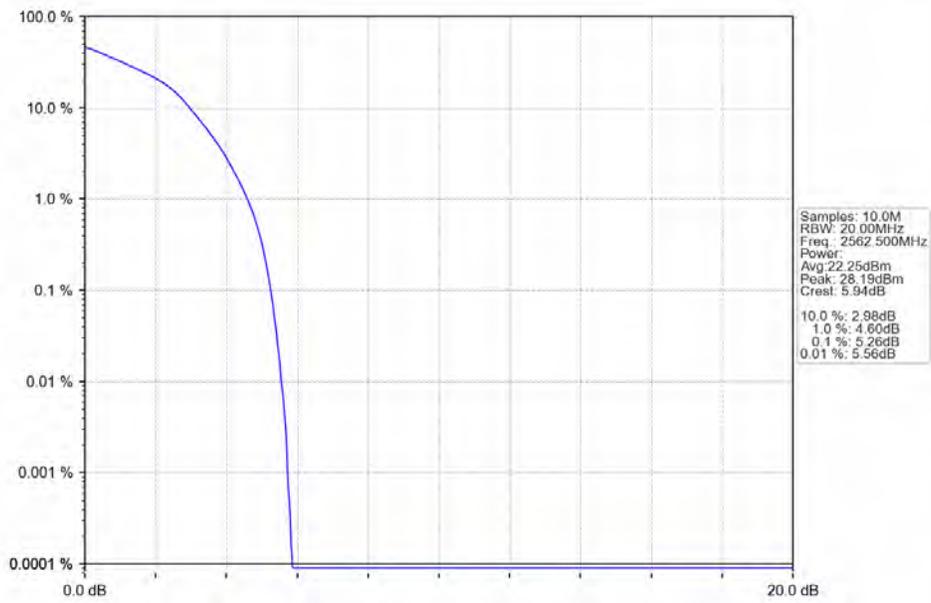
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



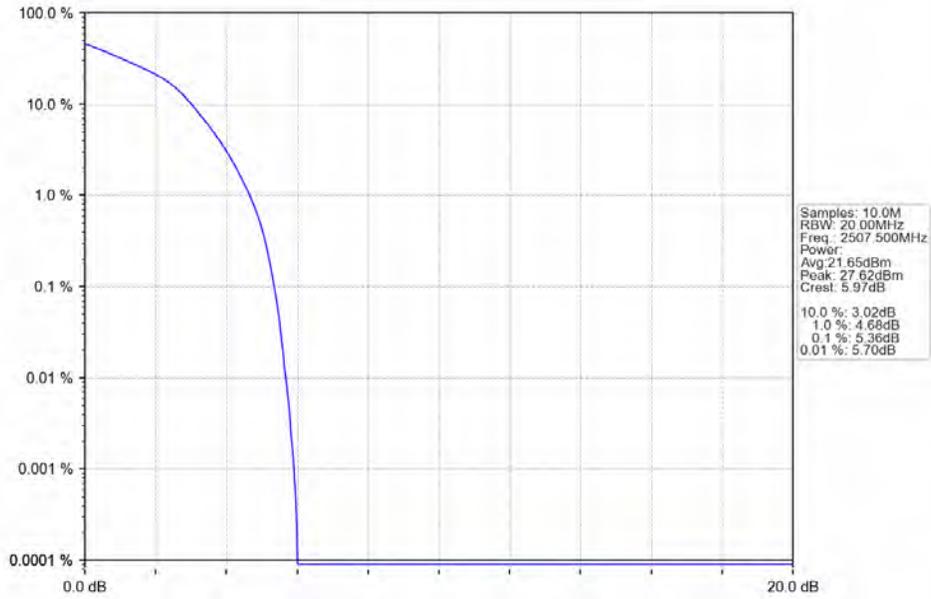
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



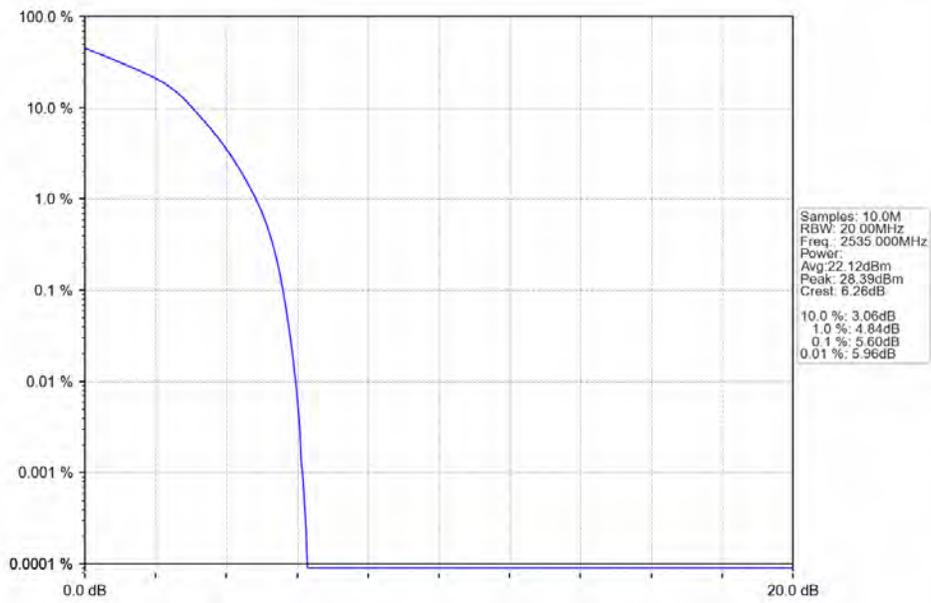
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



Band7 15MHz 64QAM LCH 2507.5MHz RB 75 0 NTV



Band7 15MHz 64QAM MCH 2535MHz RB 75 0 NTV

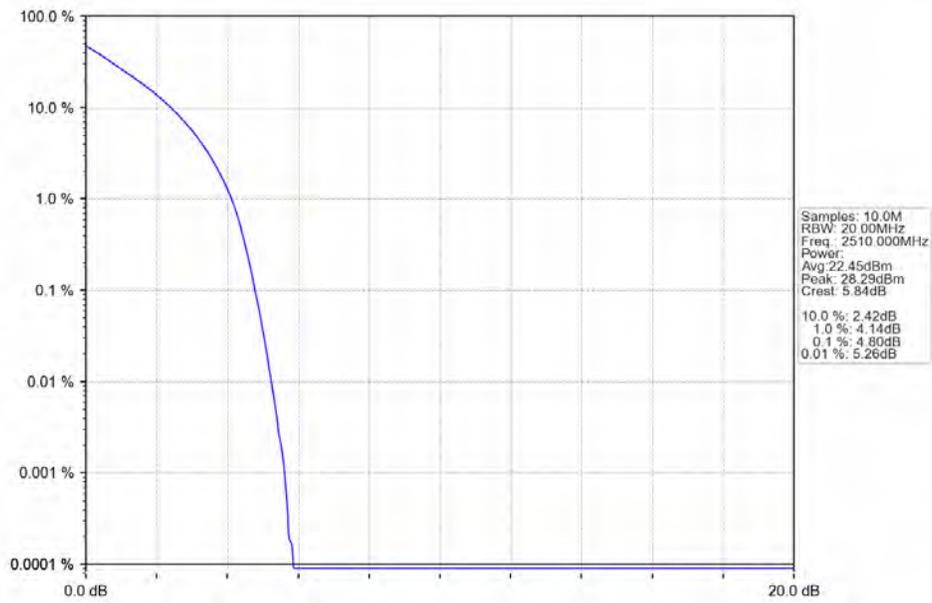


Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV

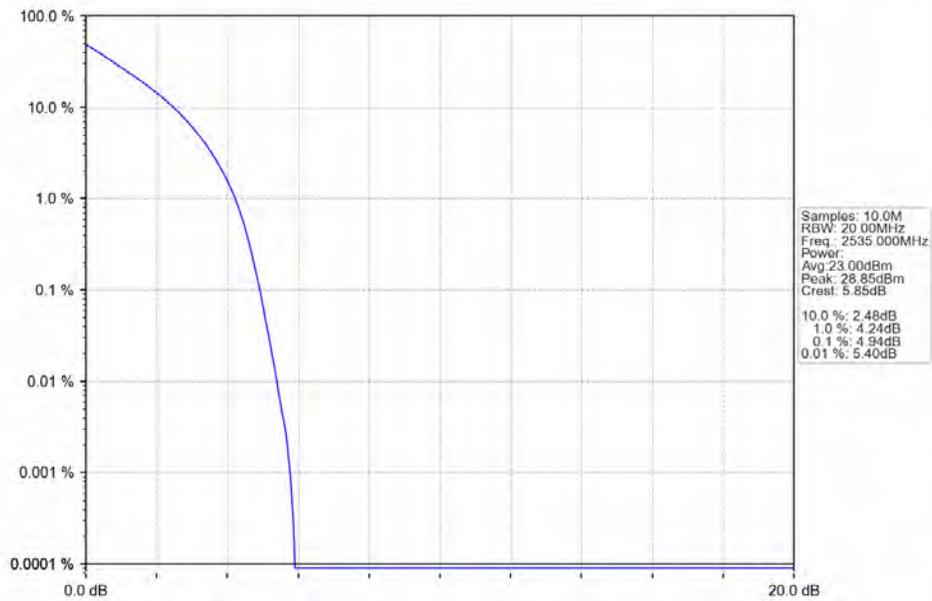


4.2.4 B7_20MHz

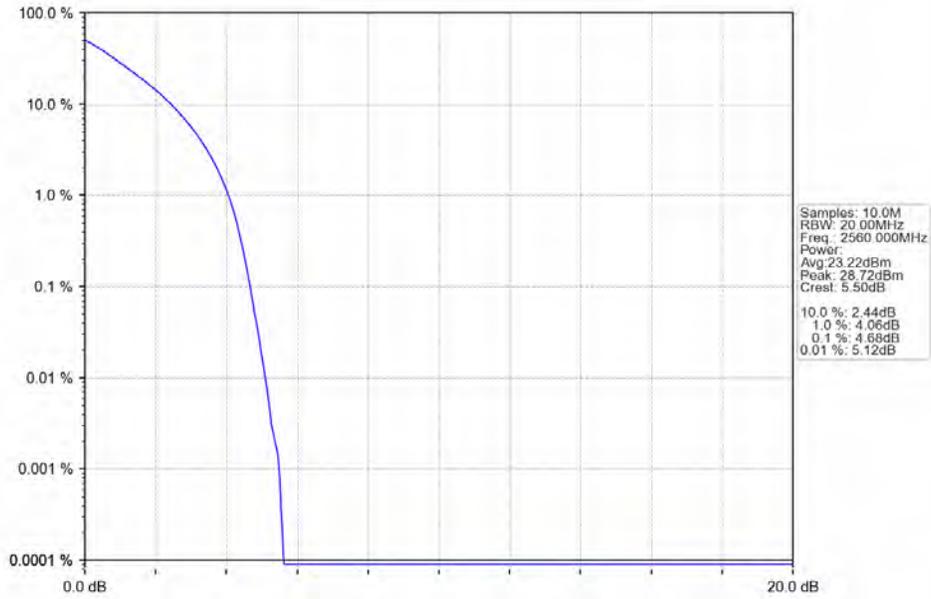
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



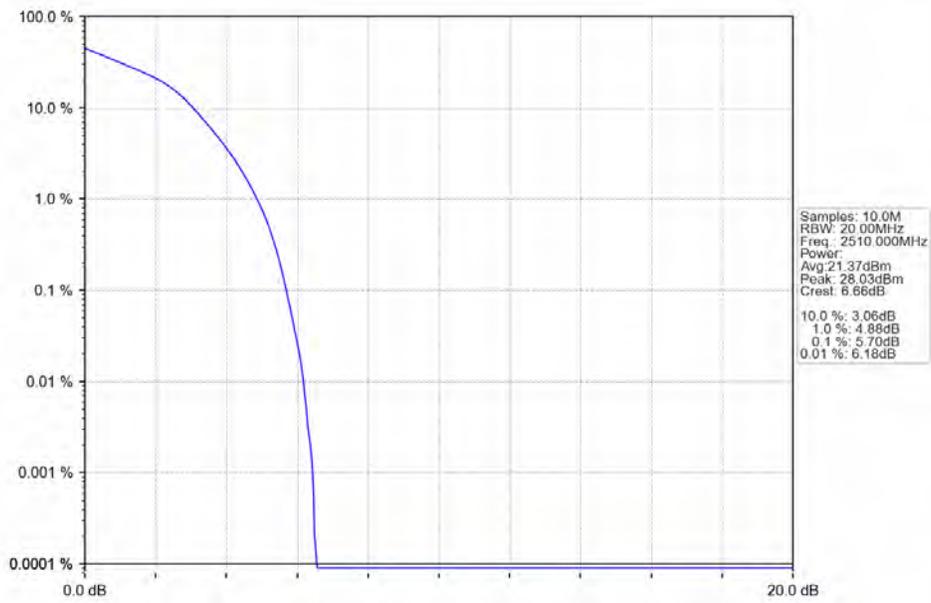
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



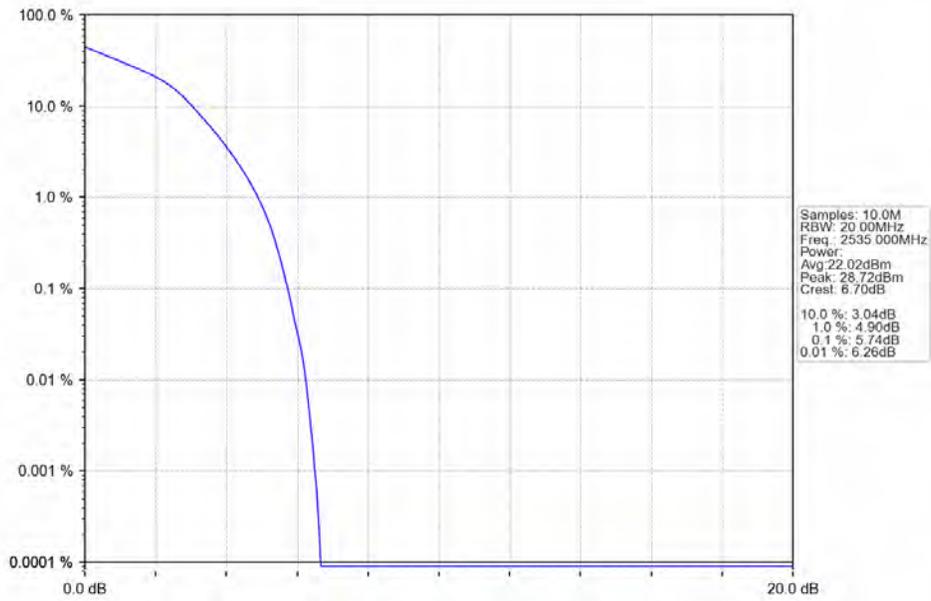
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



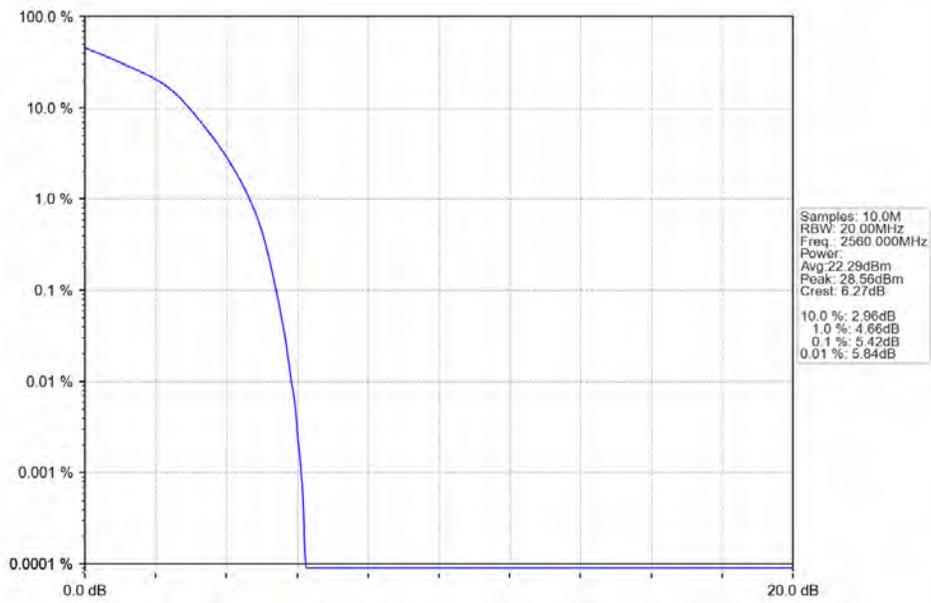
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



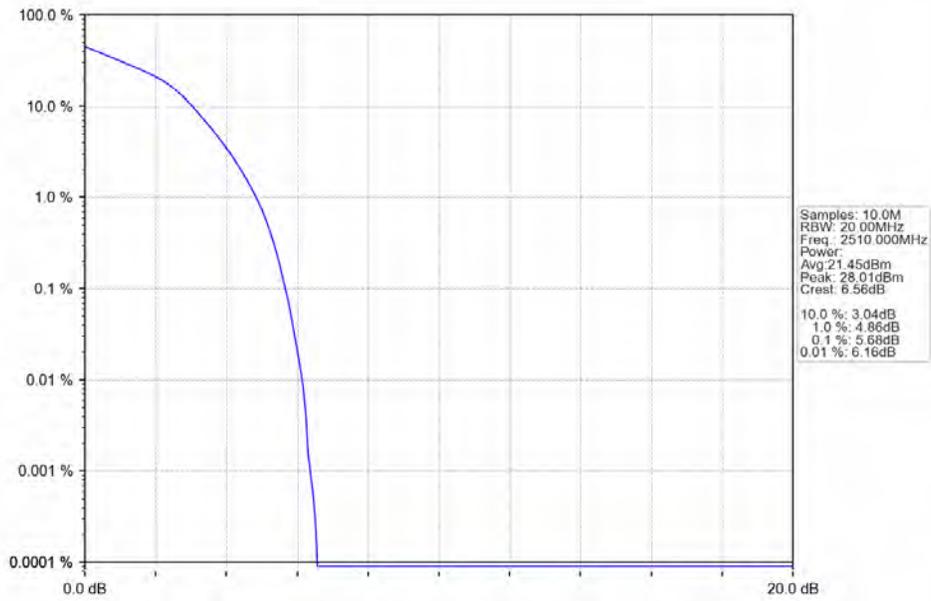
Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTV



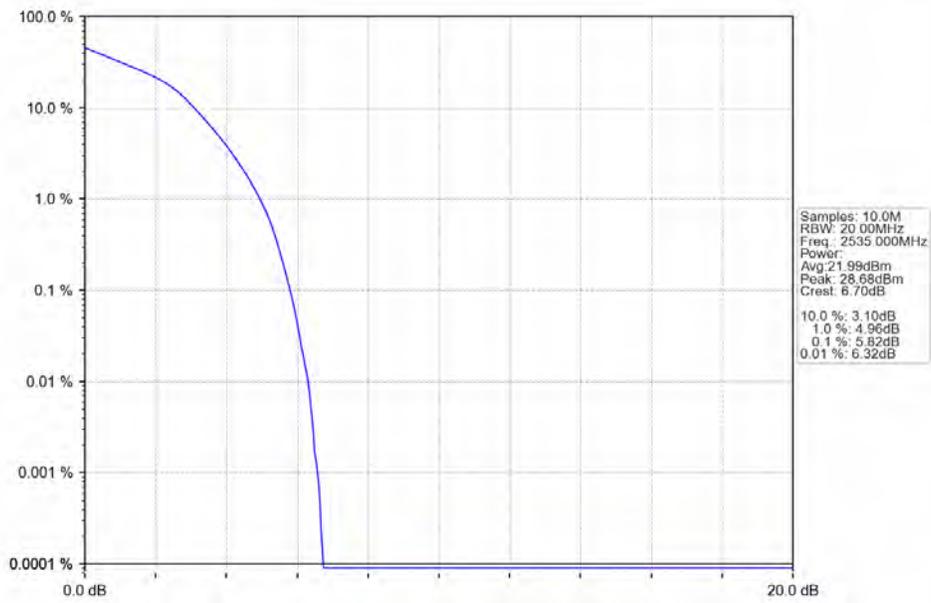
Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTV



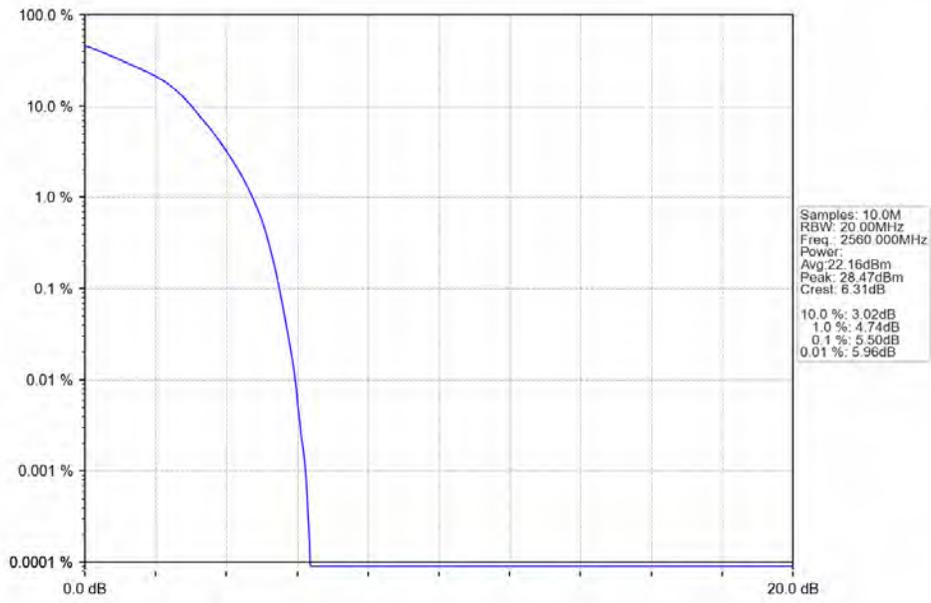
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7 20MHz 64QAM HCH 2560MHz RB 100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

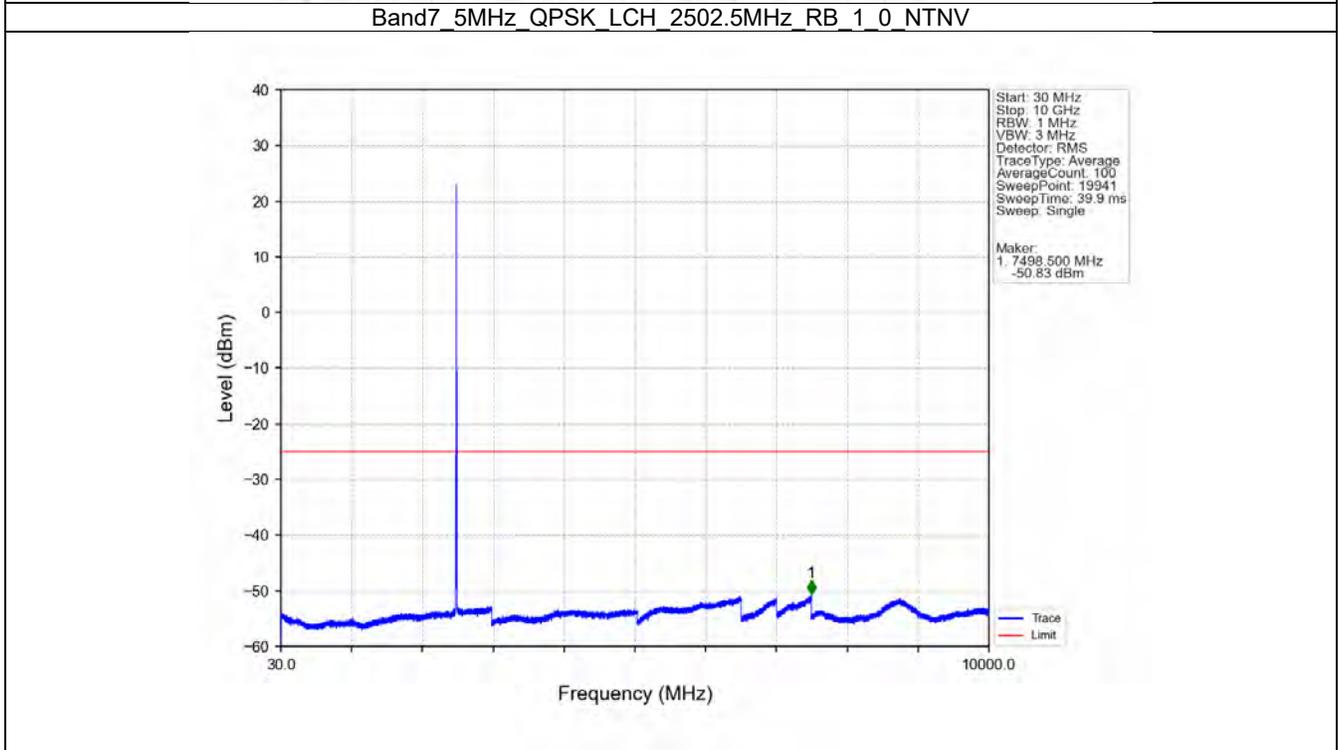
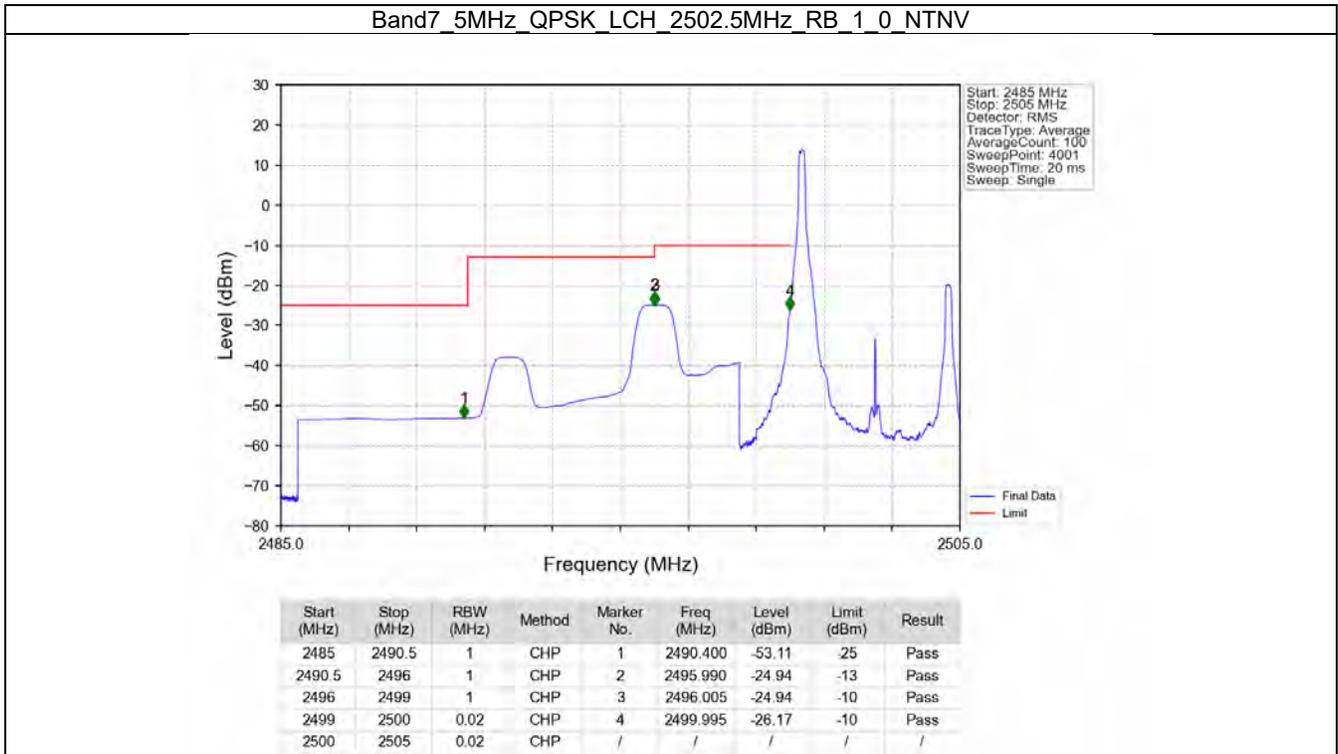
Band: 7 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

5.1.4 B7_20MHz

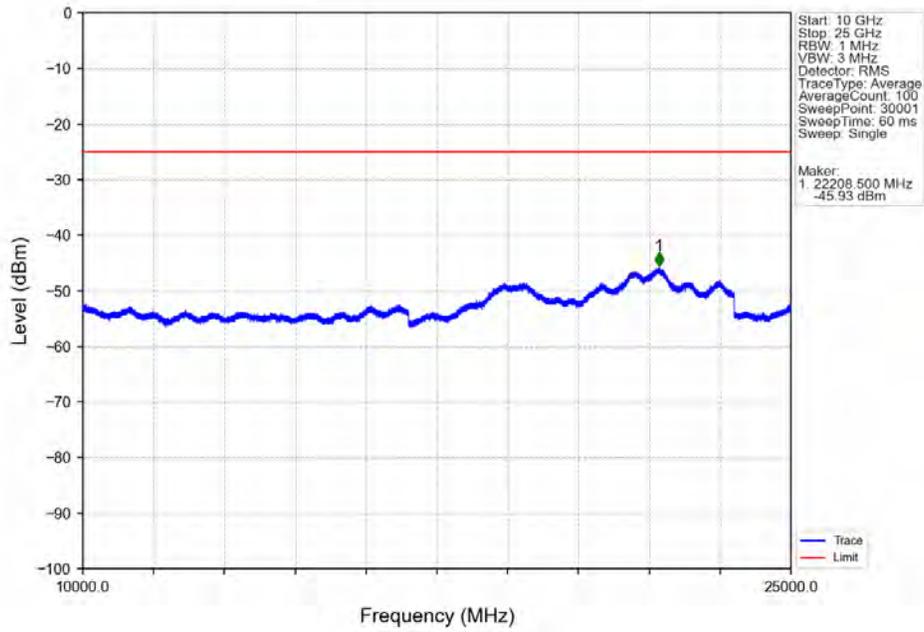
Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

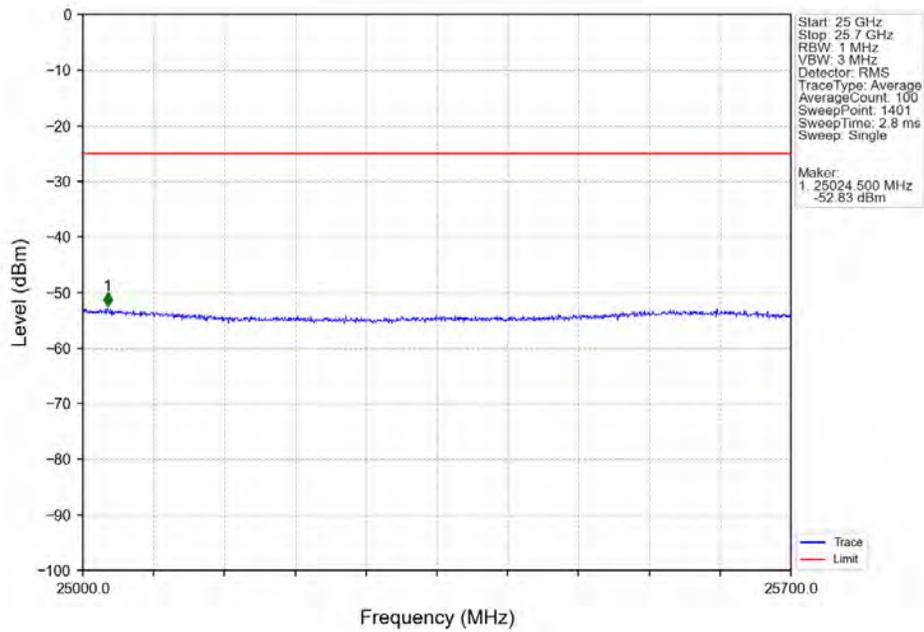
5.2.1 B7_5MHz



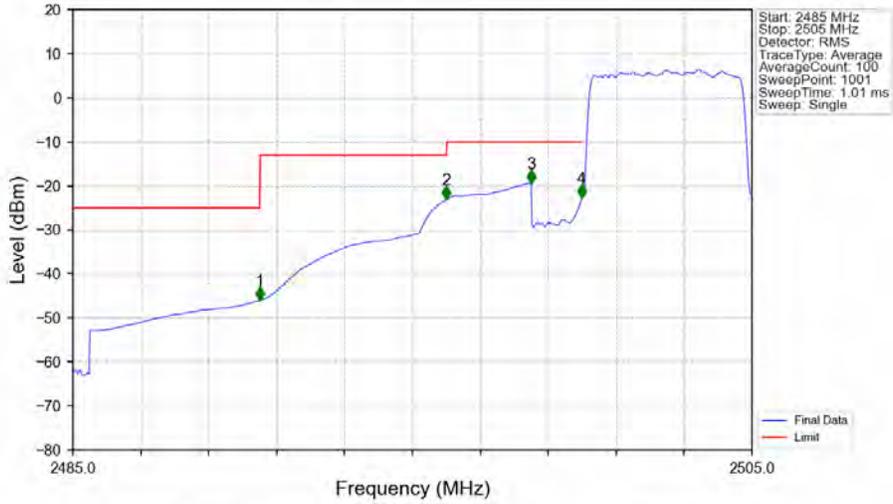
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

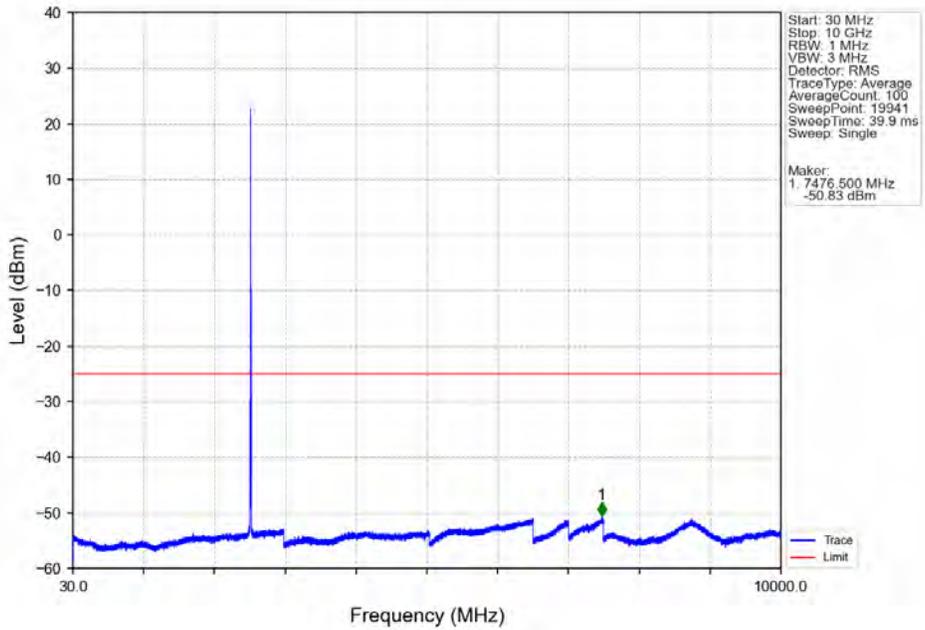


Band7 5MHz QPSK LCH 2502.5MHz RB 25_0 NTNV

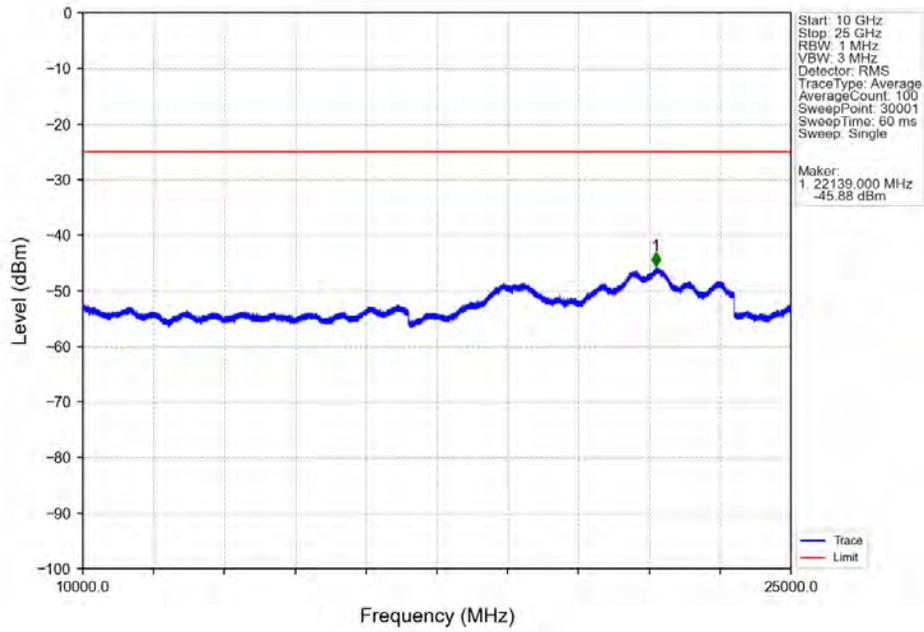


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-46.01	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-23.15	-13	Pass
2496	2499	1	CHP	3	2498.500	-19.40	-10	Pass
2499	2500	0.101	CHP	4	2499.980	-22.82	-10	Pass
2500	2505	0.101	CHP	/	/	/	/	/

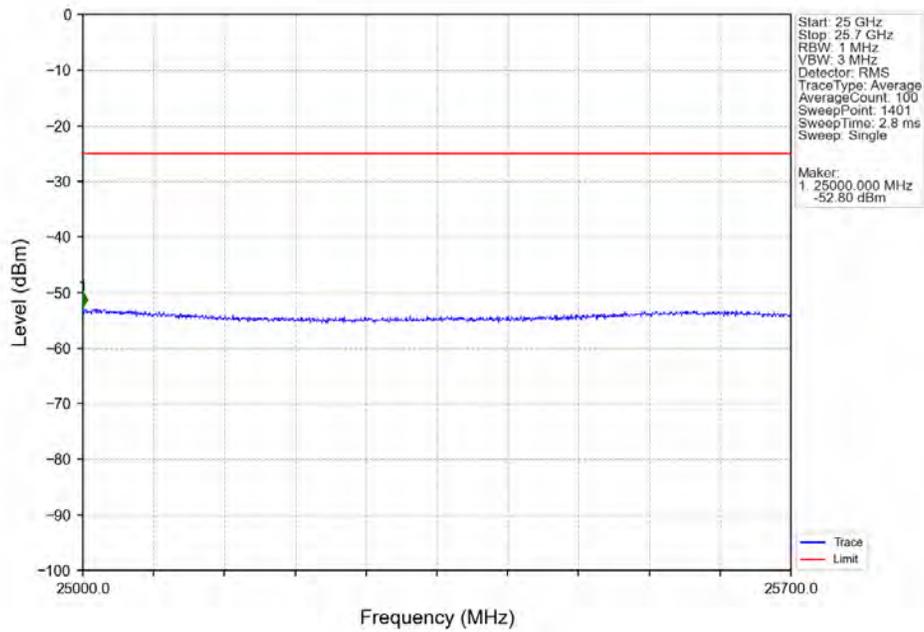
Band7 5MHz QPSK MCH 2535MHz RB 1_0 NTNV



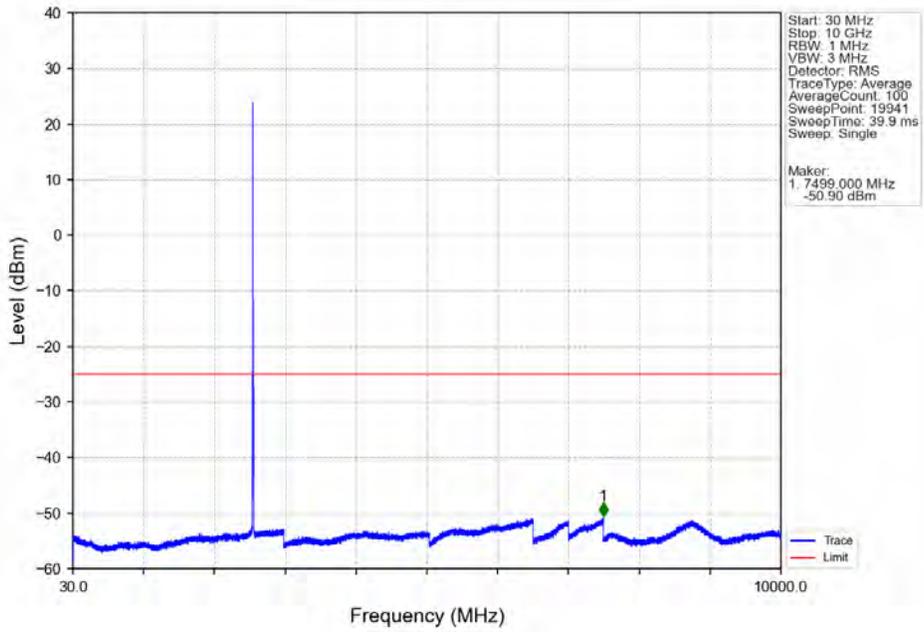
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



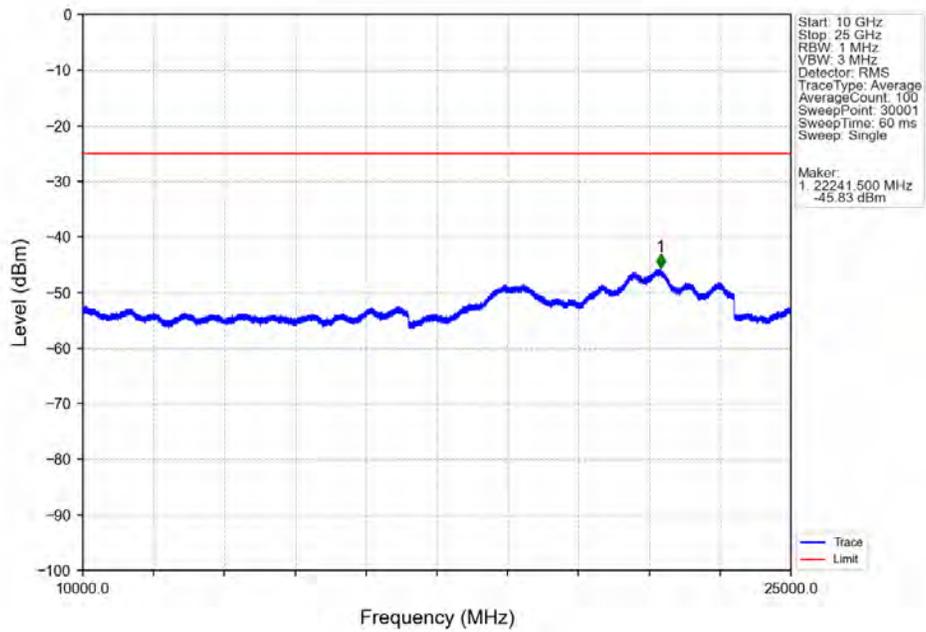
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



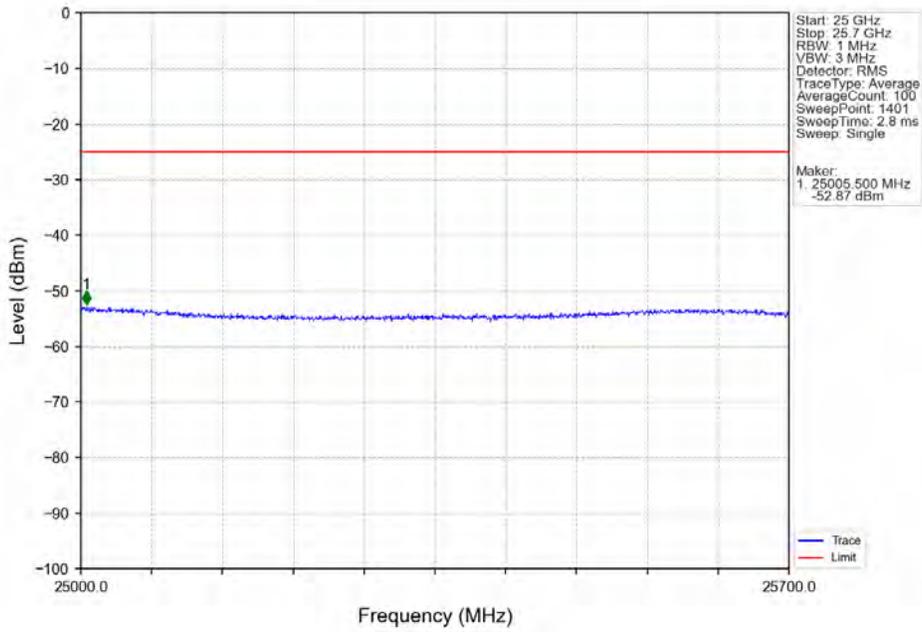
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



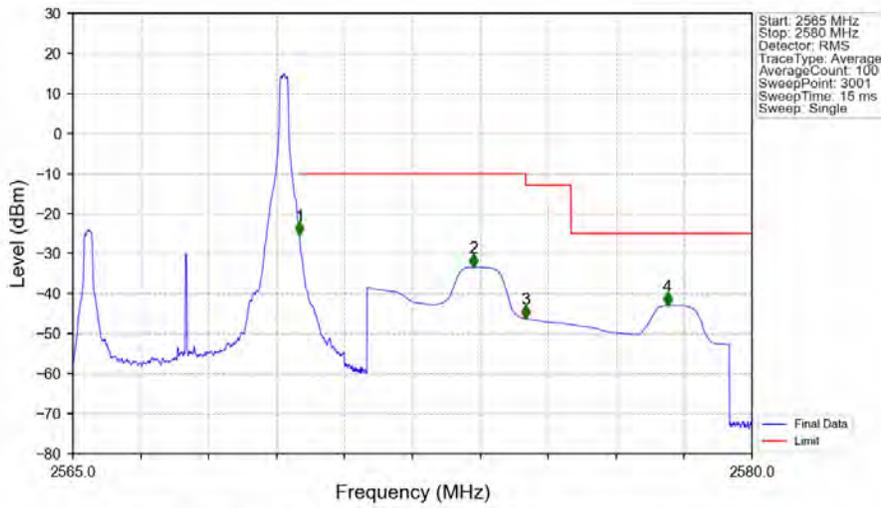
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

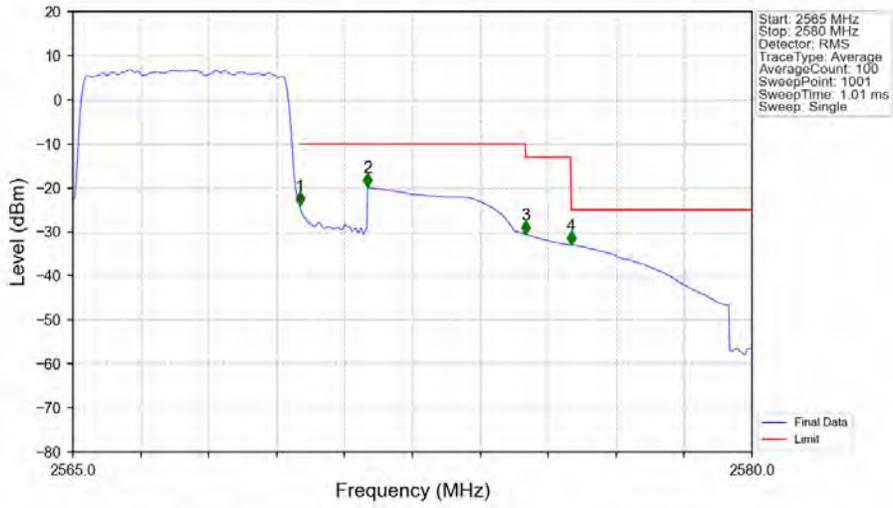


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-25.44	-10	Pass
2571	2575	1	CHP	2	2573.850	-33.47	-10	Pass
2575	2576	1	CHP	3	2575.005	-46.29	-13	Pass
2576	2580	1	CHP	4	2578.130	-42.98	-25	Pass

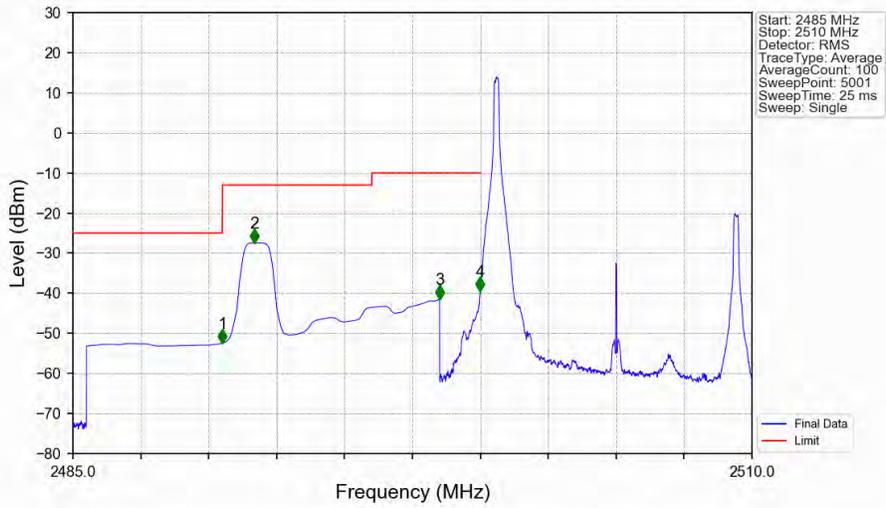
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2565	2570	0.101	CHP	/	/	/	/	/
2570	2571	0.101	CHP	1	2570.010	-24.09	-10	Pass
2571	2575	1	CHP	2	2571.510	-19.88	-10	Pass
2575	2576	1	CHP	3	2575.005	-30.51	-13	Pass
2576	2580	1	CHP	4	2576.010	-33.01	-25	Pass

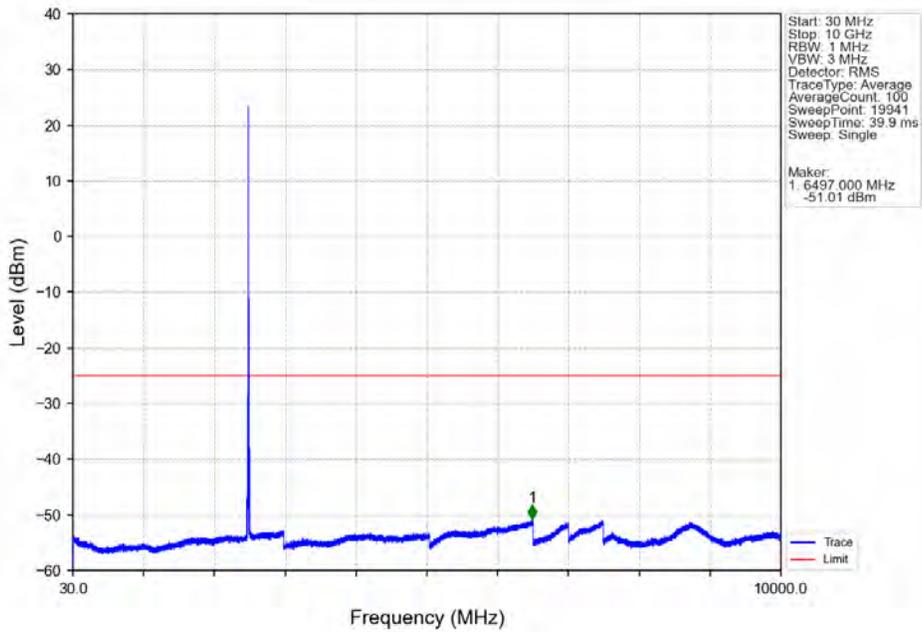
5.2.2 B7_10MHz

Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

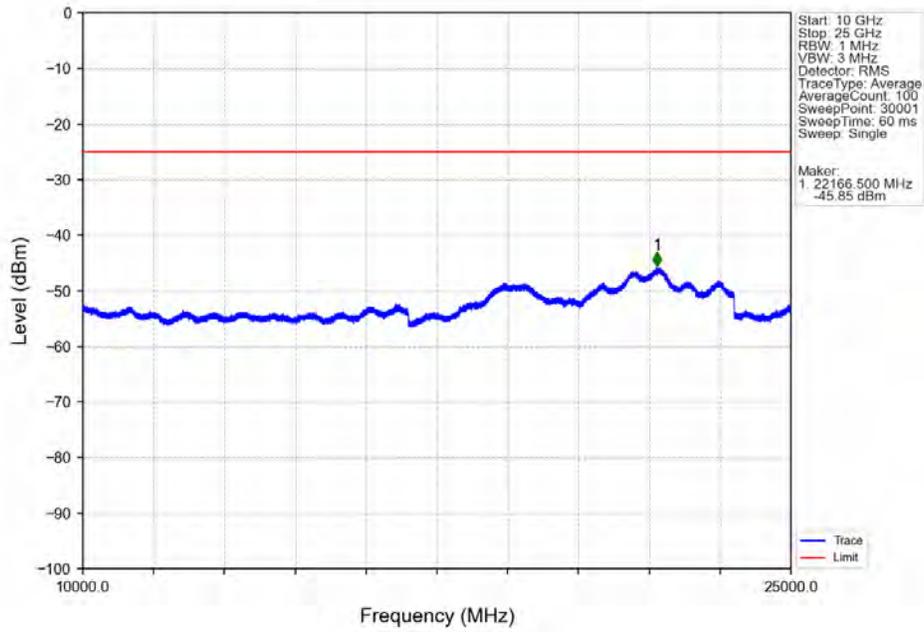


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-52.48	-25	Pass
2490.5	2496	1	CHP	2	2491.690	-27.44	-13	Pass
2496	2499	1	CHP	3	2498.500	-41.46	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-39.56	-10	Pass
2500	2510	0.02	CHP	/	/	/	/	/

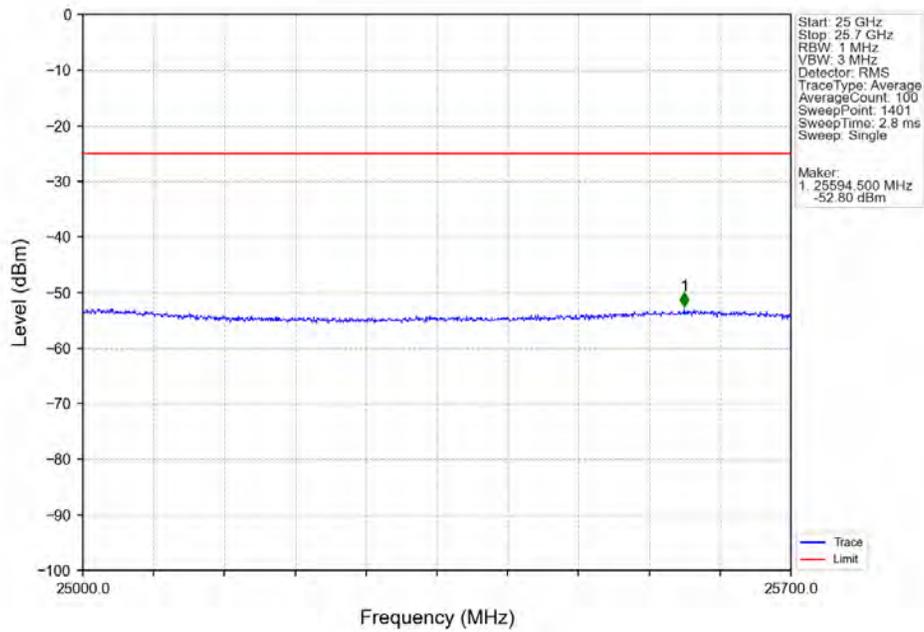
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



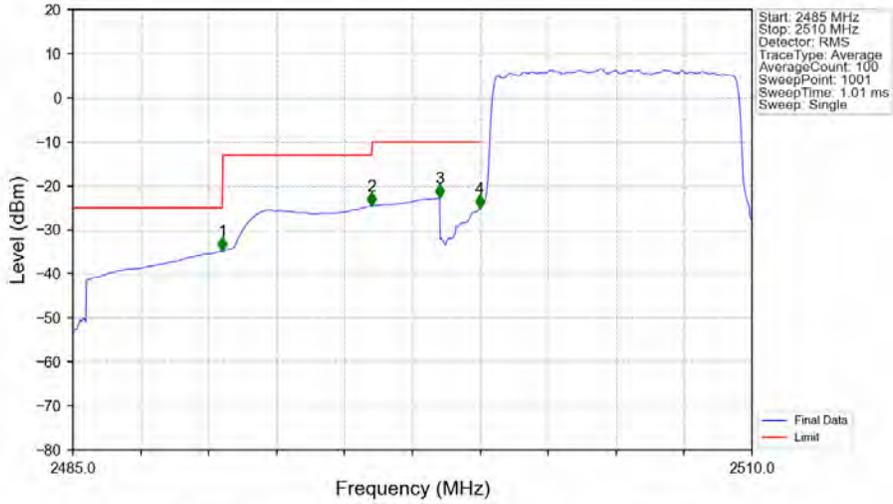
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

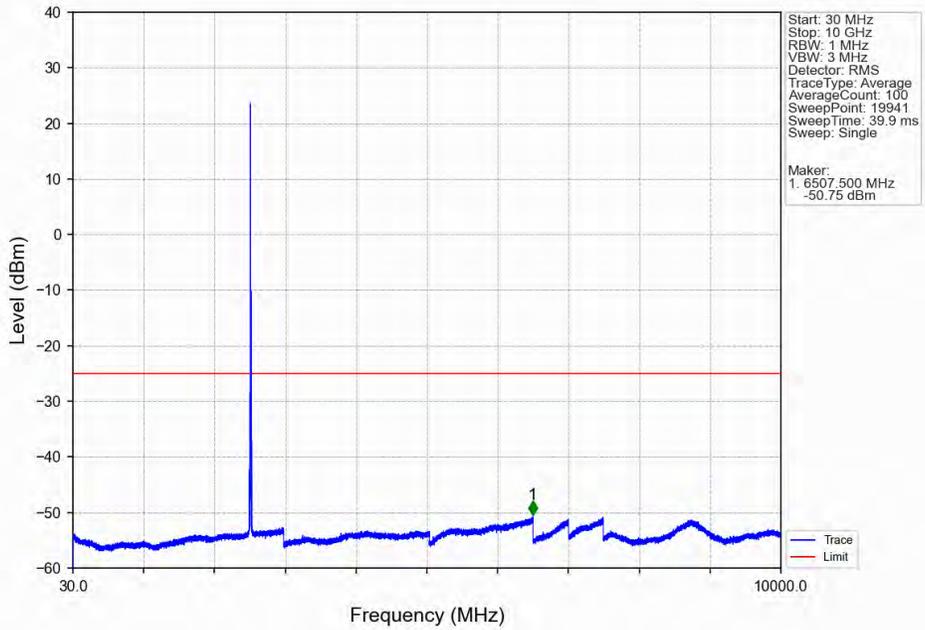


Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTN

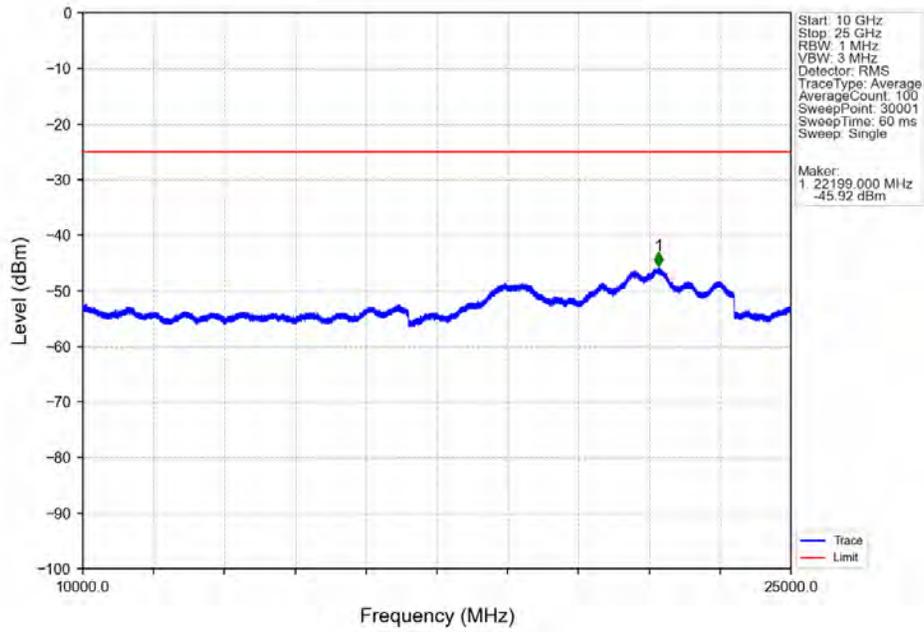


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.500	-34.81	-25	Pass
2490.5	2496	1	CHP	2	2496.000	-24.50	-13	Pass
2496	2499	1	CHP	3	2498.500	-22.78	-10	Pass
2499	2500	0.198	CHP	4	2499.975	-25.07	-10	Pass
2500	2510	0.198	CHP	/	/	/	/	/

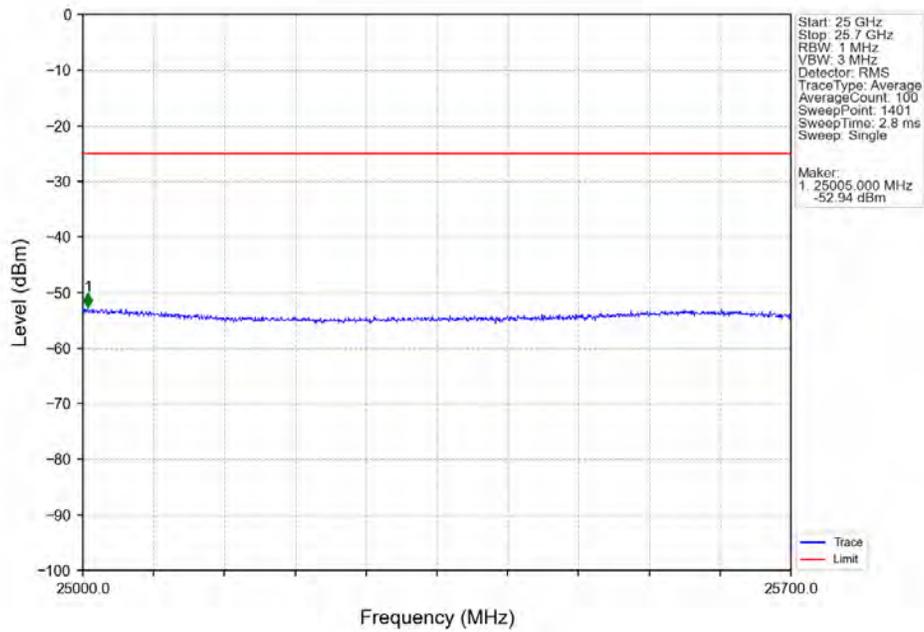
Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTN



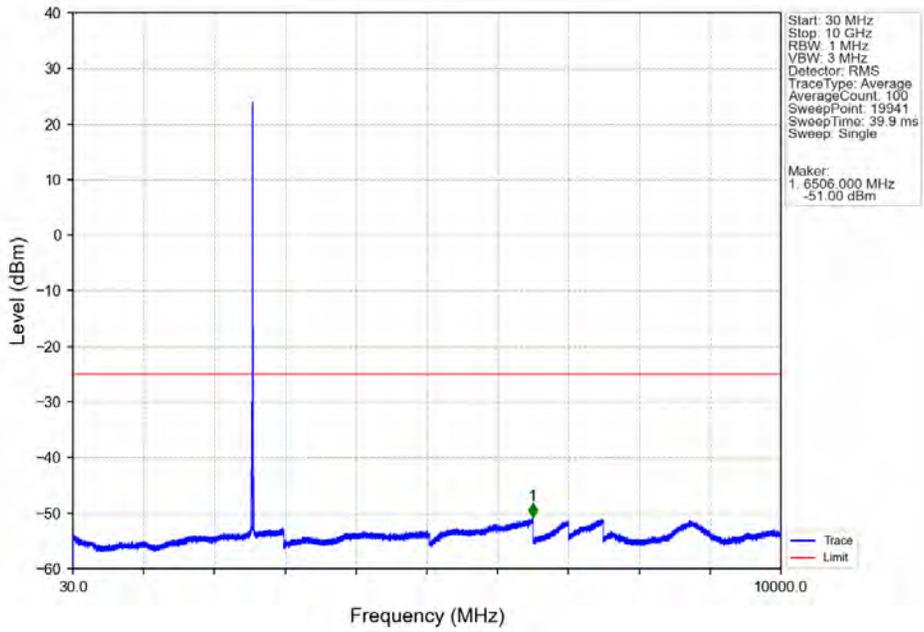
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



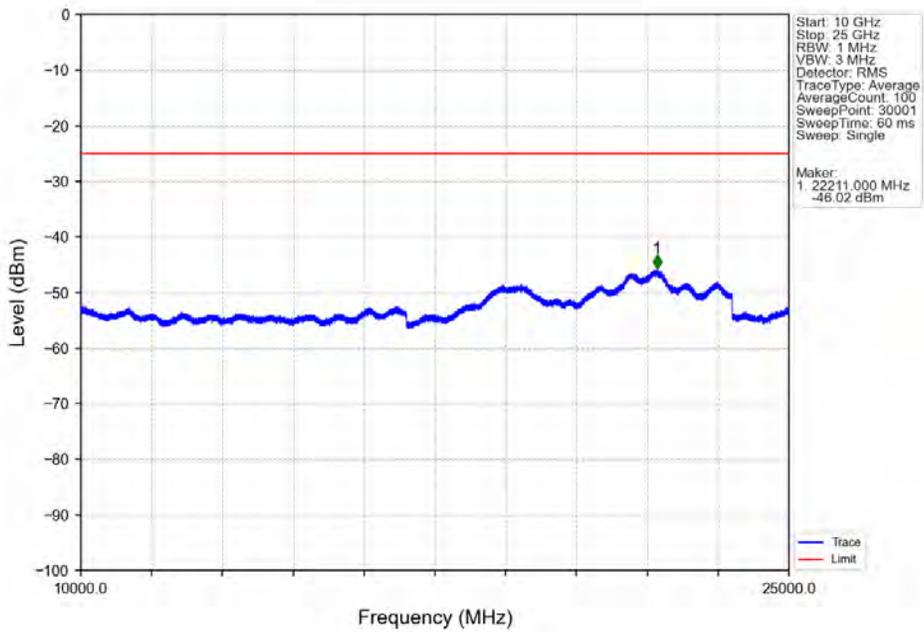
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



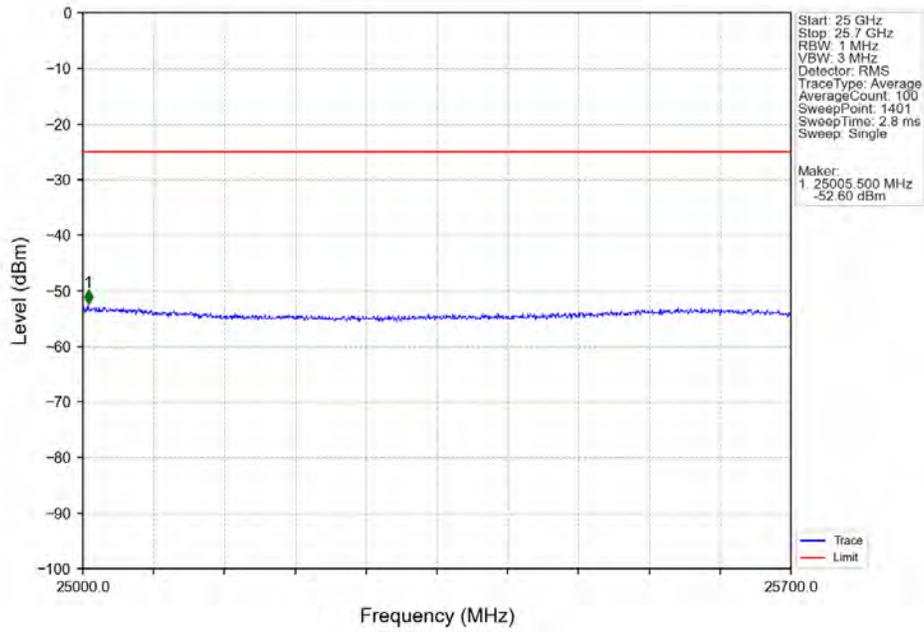
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



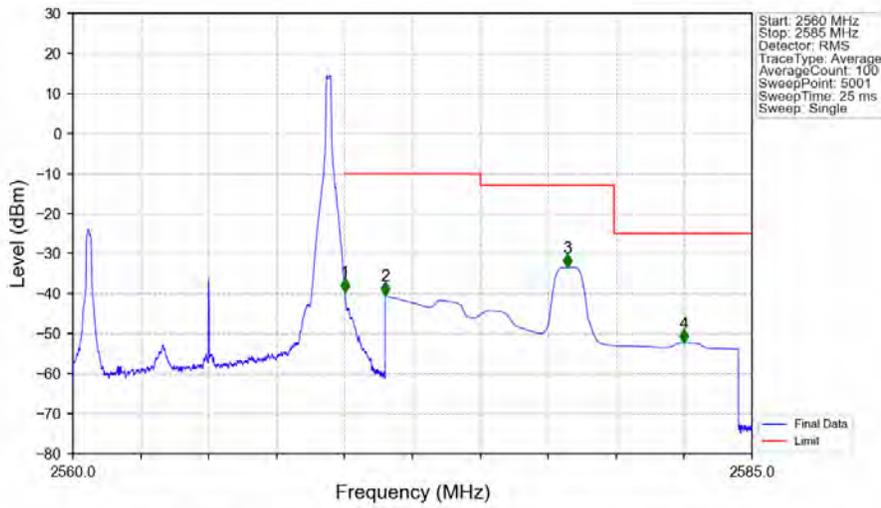
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV

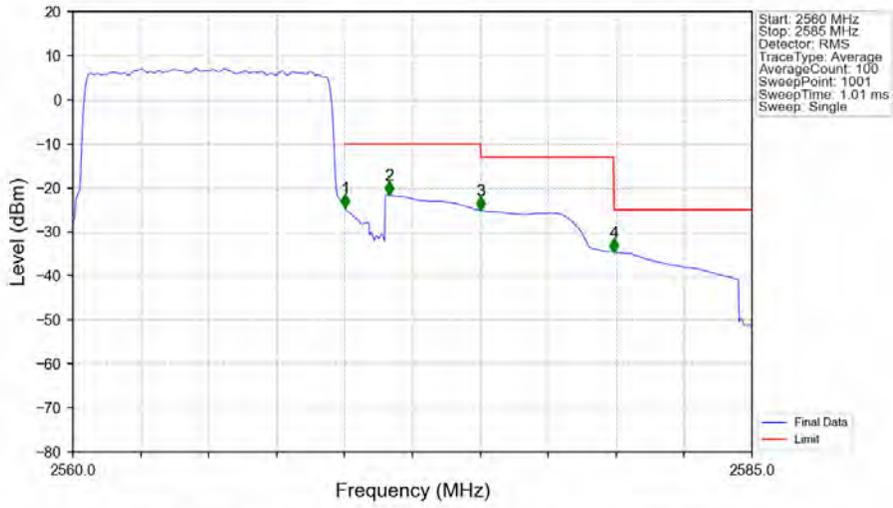


Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-39.58	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.51	-10	Pass
2575	2579.921	1	CHP	3	2578.210	-33.49	-13	Pass
2579.921	2585	1	CHP	4	2582.500	-52.28	-25	Pass

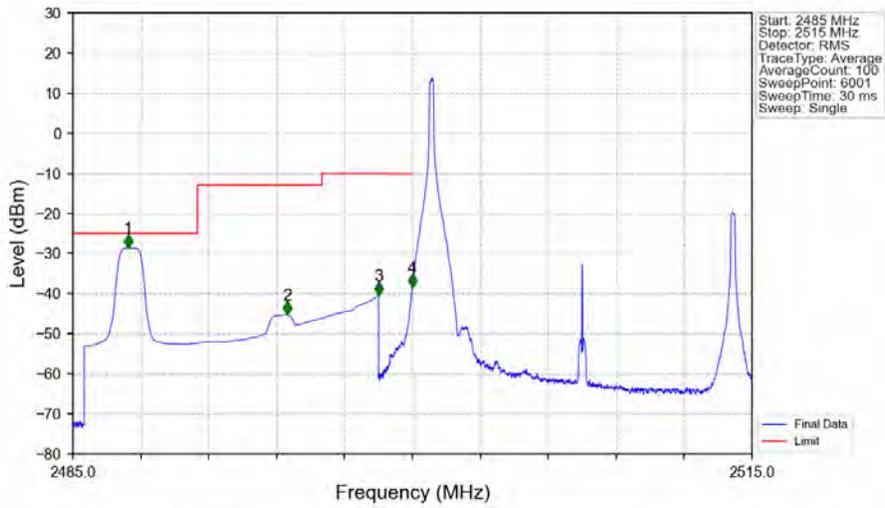
Band7 10MHz QPSK HCH 2565MHz RB 50_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2560	2570	0.198	CHP	/	/	/	/	/
2570	2571	0.198	CHP	1	2570.025	-24.61	-10	Pass
2571	2575	1	CHP	2	2571.650	-21.66	-10	Pass
2575	2579.921	1	CHP	3	2575.025	-25.13	-13	Pass
2579.921	2585	1	CHP	4	2579.925	-34.55	-25	Pass

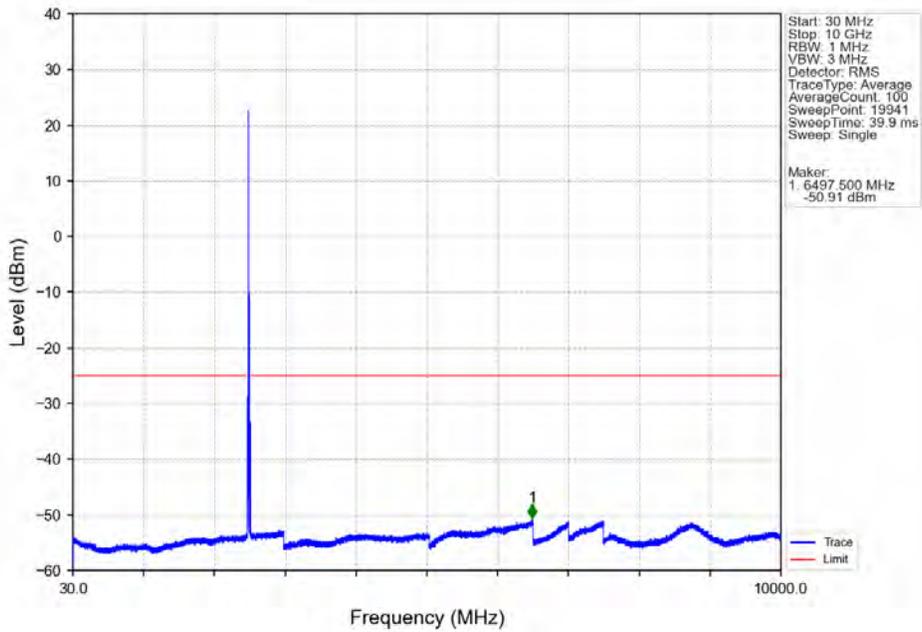
5.2.3 B7_15MHz

Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

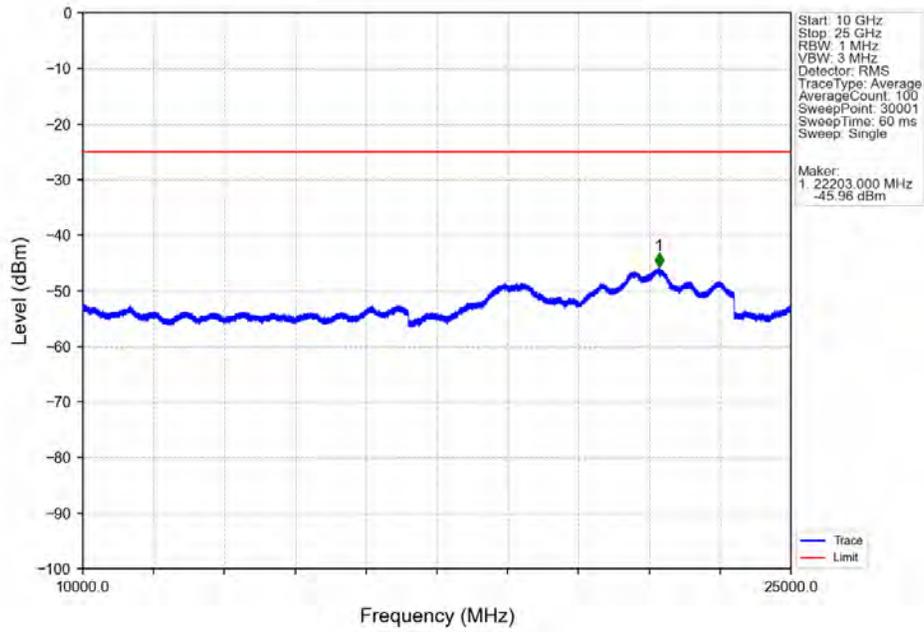


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.440	-28.65	-25	Pass
2490.5	2496	1	CHP	2	2494.485	-45.24	-13	Pass
2496	2499	1	CHP	3	2498.500	-40.56	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-38.51	-10	Pass
2500	2515	0.02	CHP	/	/	/	/	/

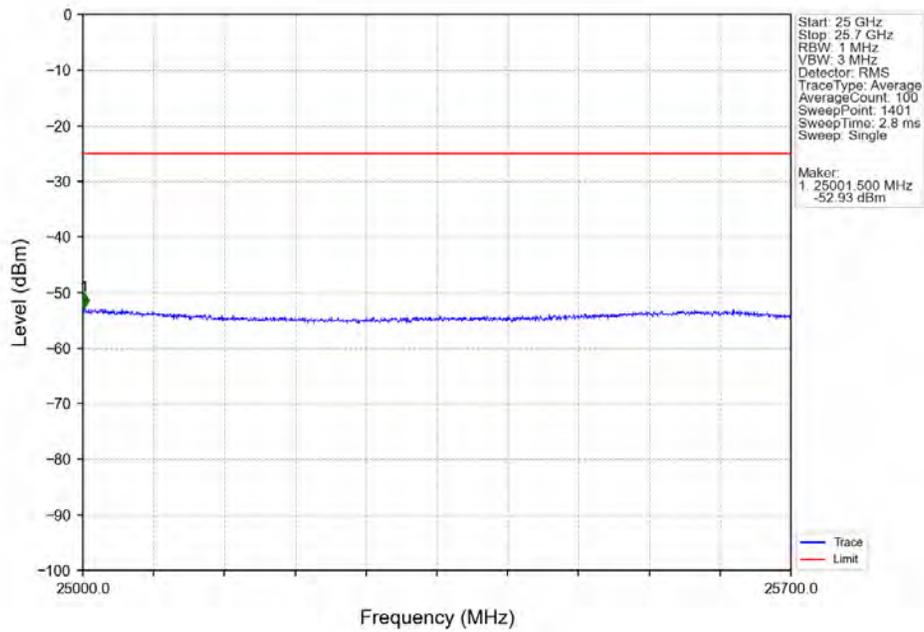
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



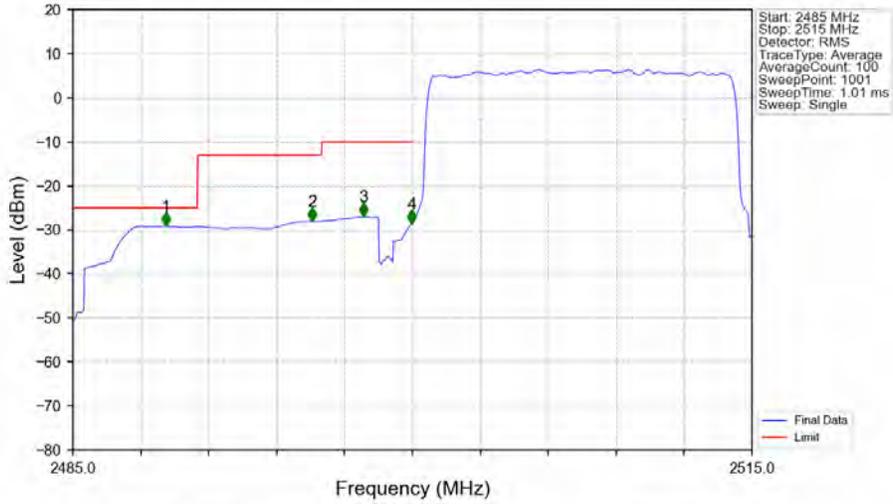
Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTN



Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTN

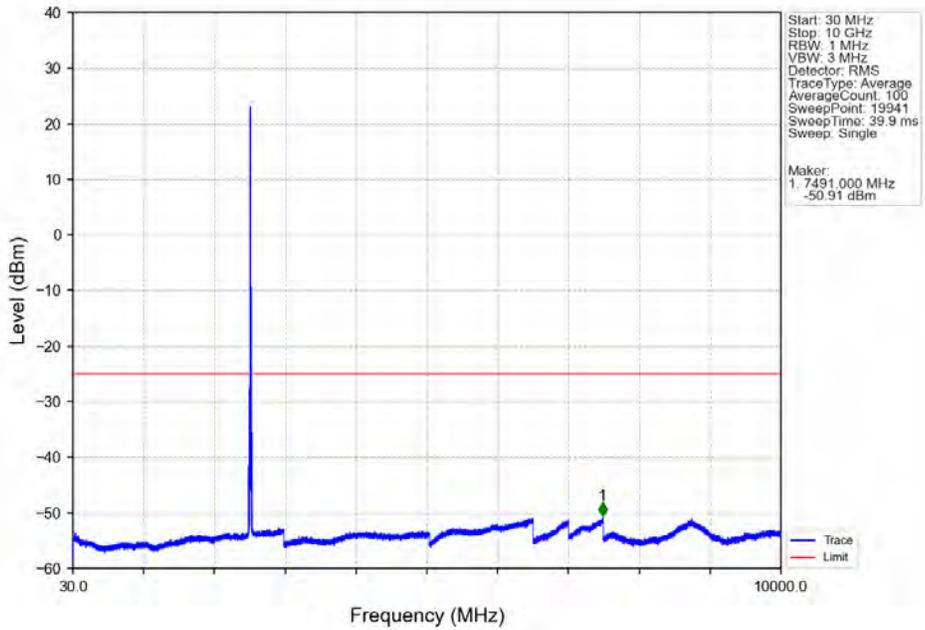


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV

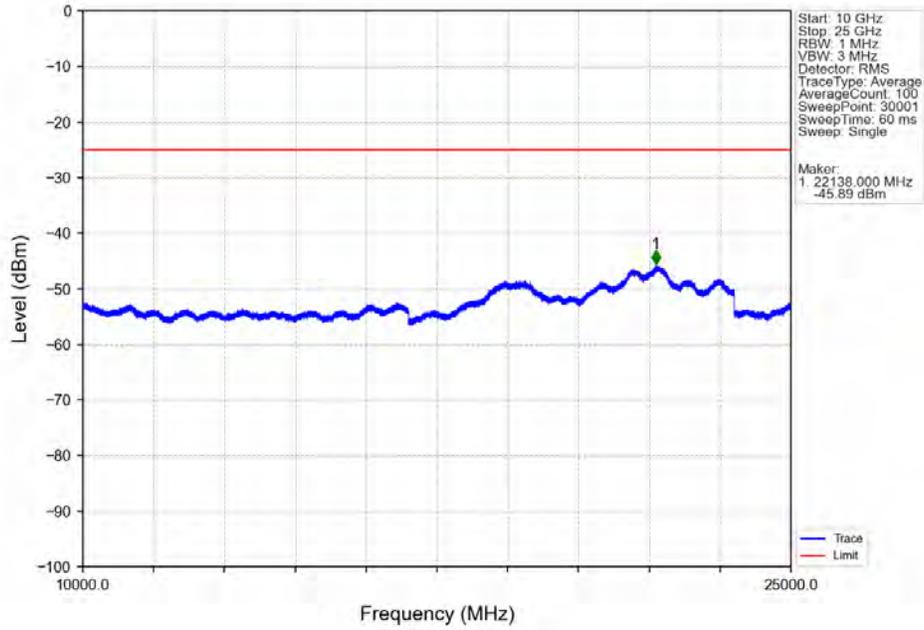


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.110	-29.14	25	Pass
2490.5	2496	1	CHP	2	2495.560	-28.08	-13	Pass
2496	2499	1	CHP	3	2497.840	-27.00	-10	Pass
2499	2500	0.294	CHP	4	2499.970	-28.52	-10	Pass
2500	2515	0.294	CHP	/	/	/	/	/

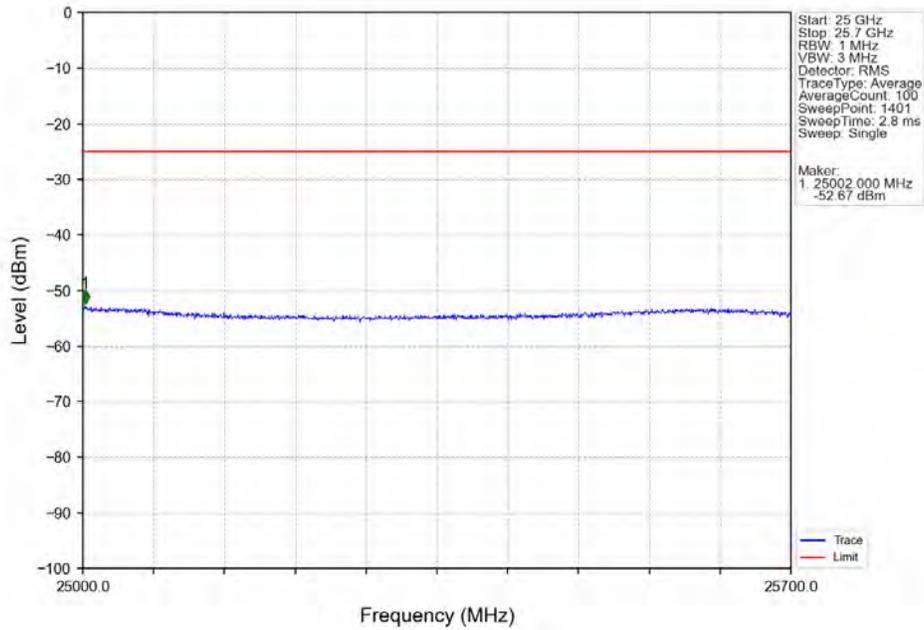
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



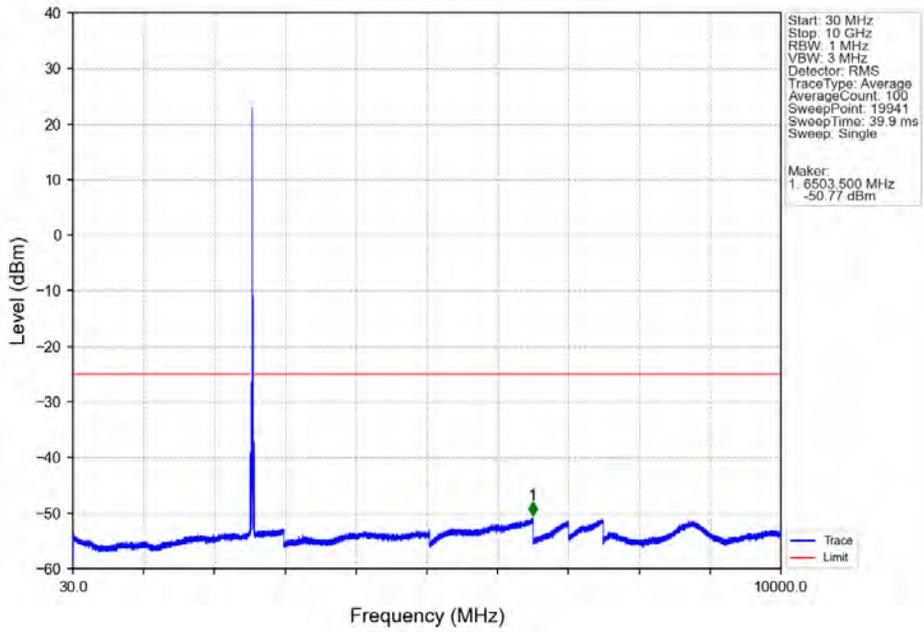
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



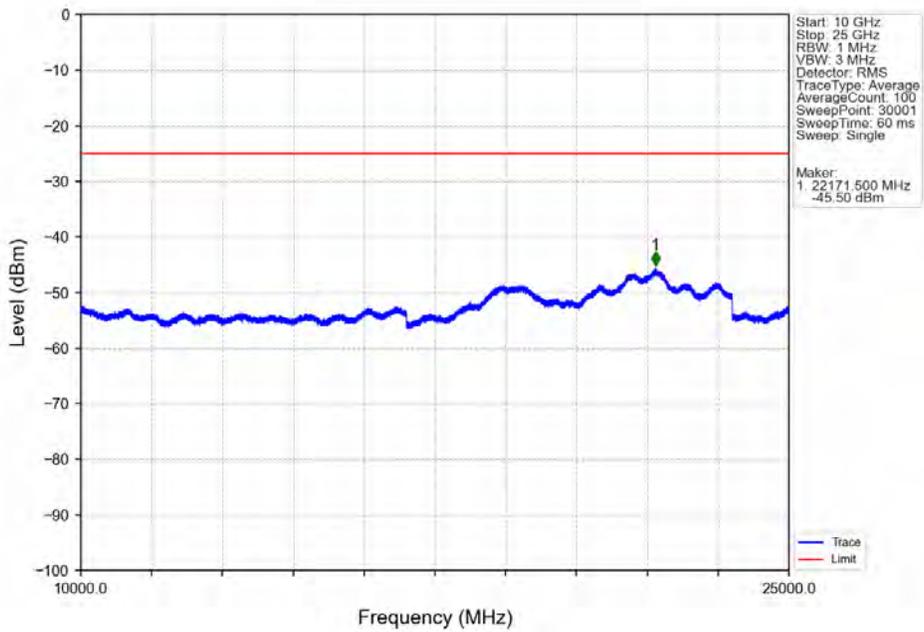
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



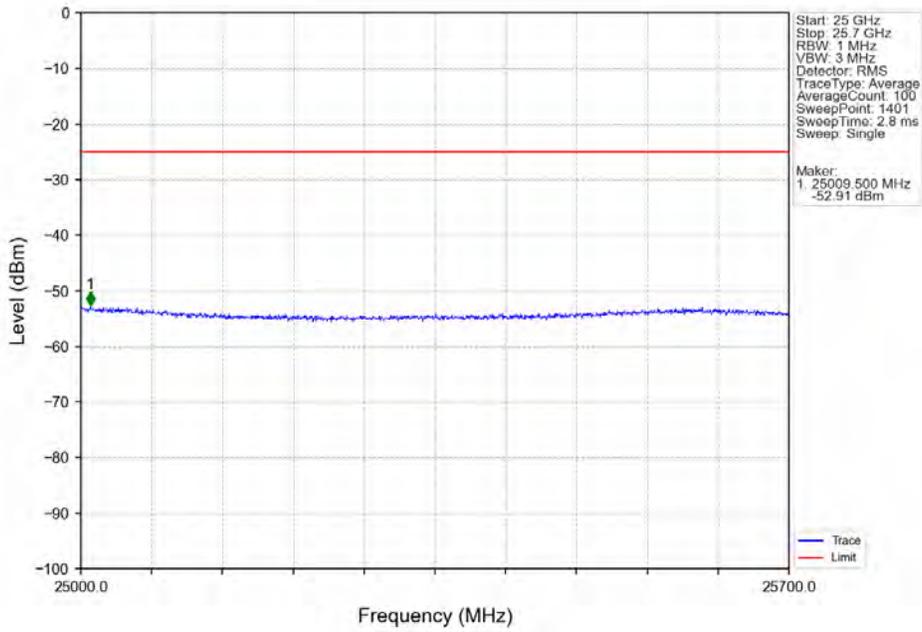
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



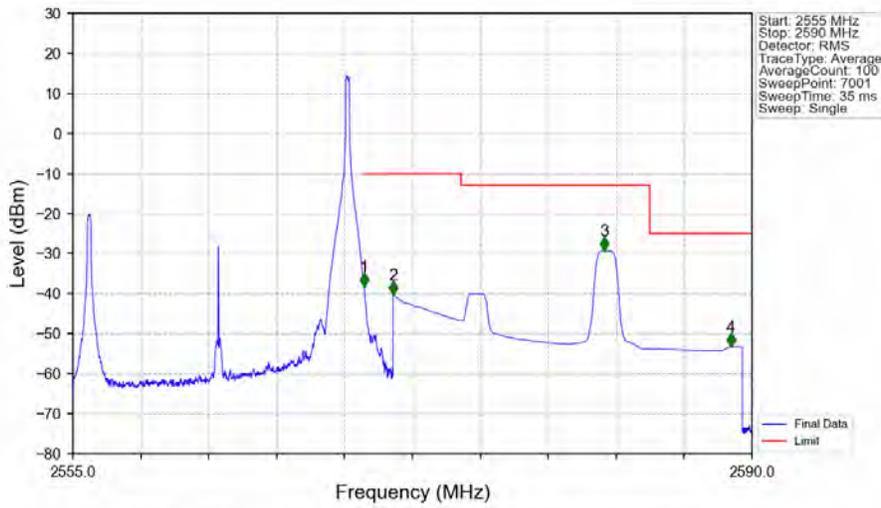
Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTV



Band7 15MHz QPSK HCH 2562.5MHz RB 1 0 NTNV

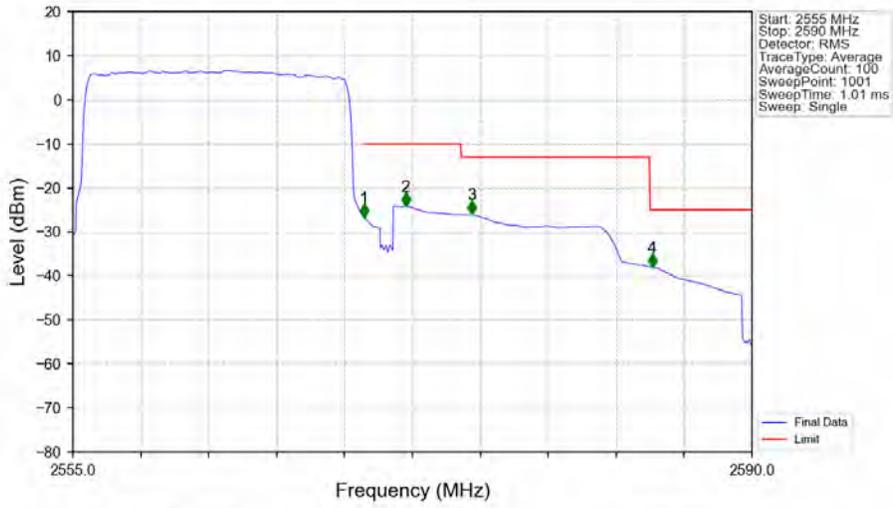


Band7 15MHz QPSK HCH 2562.5MHz RB 1 74 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-38.18	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.31	-10	Pass
2575	2584.729	1	CHP	3	2582.370	-29.32	-13	Pass
2584.729	2590	1	CHP	4	2588.925	-53.30	-25	Pass

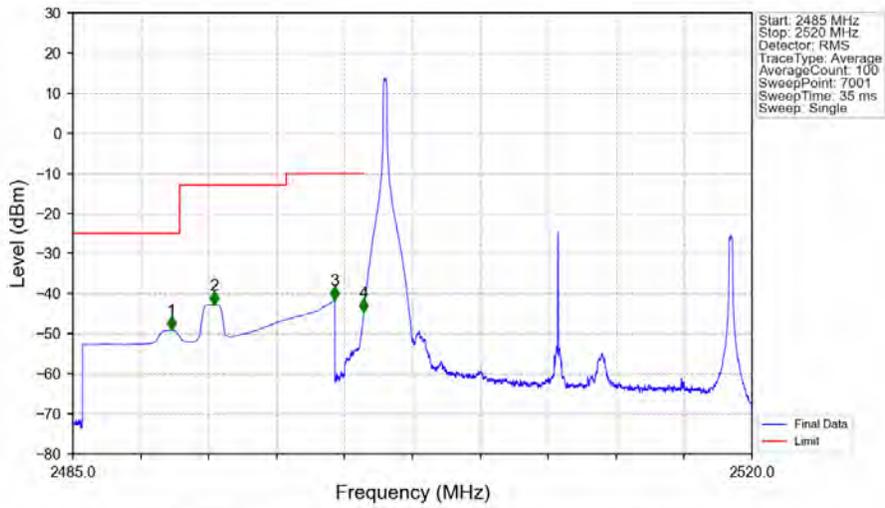
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.295	CHP	/	/	/	/	/
2570	2571	0.295	CHP	1	2570.015	-26.75	-10	Pass
2571	2575	1	CHP	2	2572.150	-24.16	-10	Pass
2575	2584.729	1	CHP	3	2575.545	-26.10	-13	Pass
2584.729	2590	1	CHP	4	2584.855	-37.97	-25	Pass

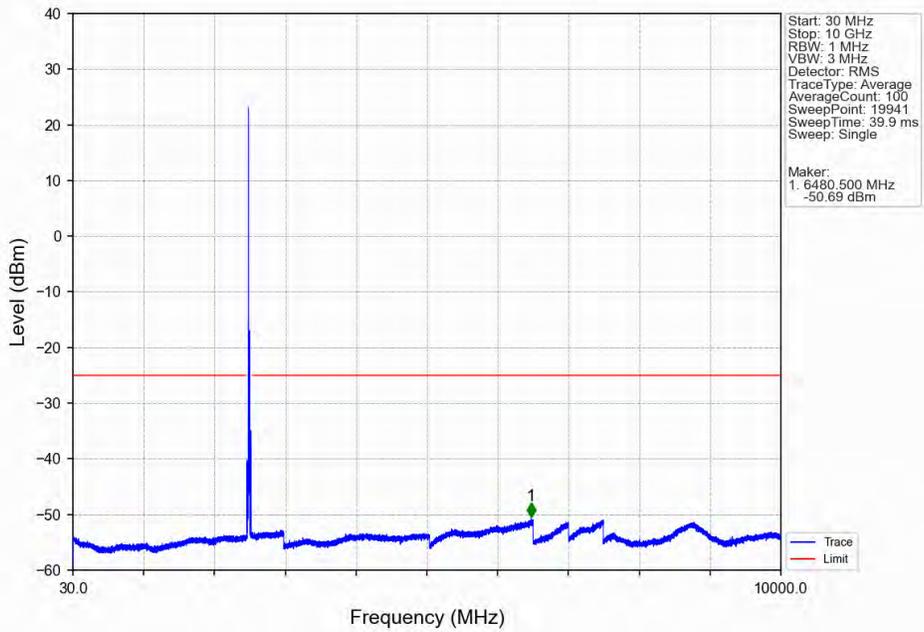
5.2.4 B7_20MHz

Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

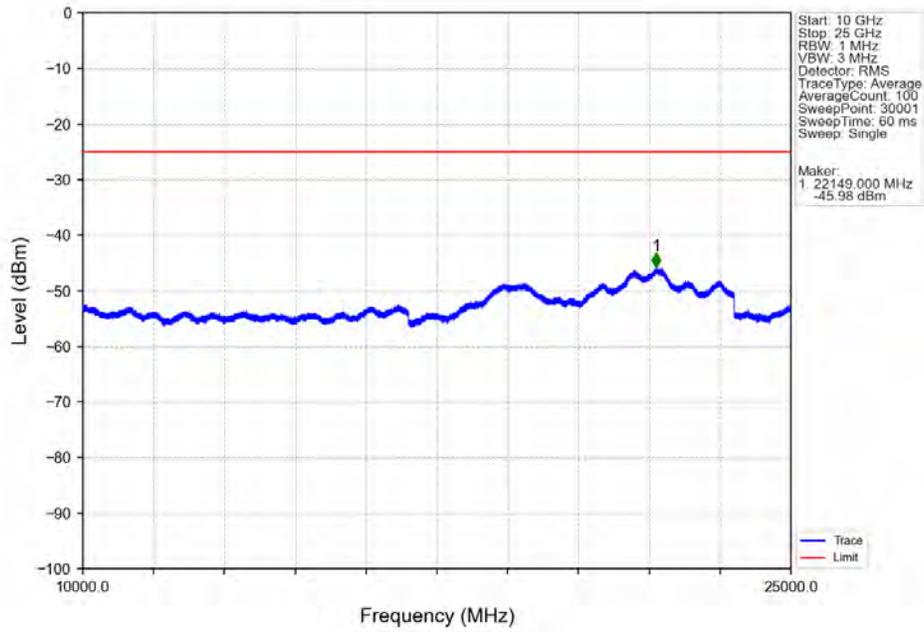


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.080	-49.17	-25	Pass
2490.5	2496	1	CHP	2	2492.275	-42.78	-13	Pass
2496	2499	1	CHP	3	2498.500	-41.65	-10	Pass
2499	2500	0.02	CHP	4	2499.995	-44.66	-10	Pass
2500	2520	0.02	CHP	/	/	/	/	/

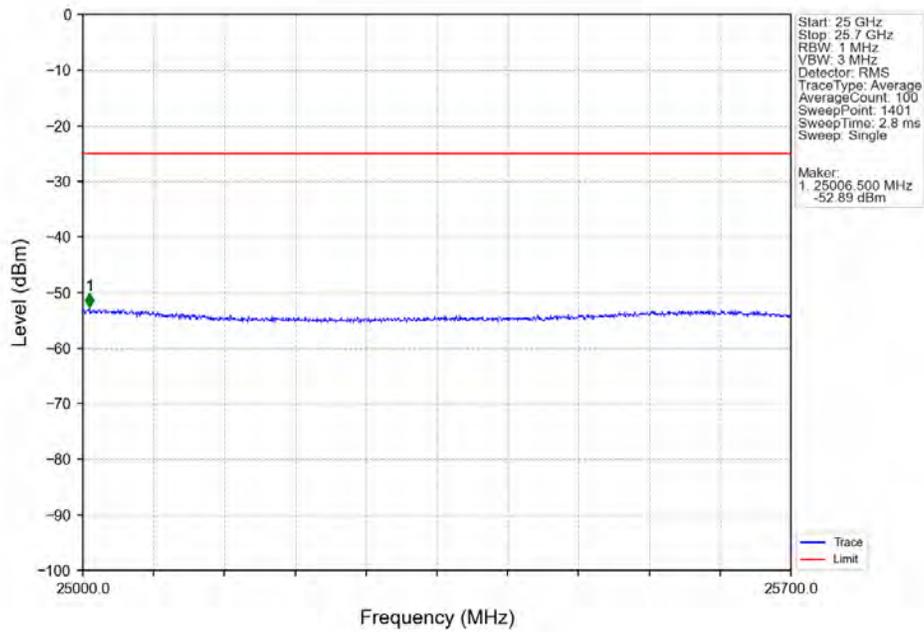
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



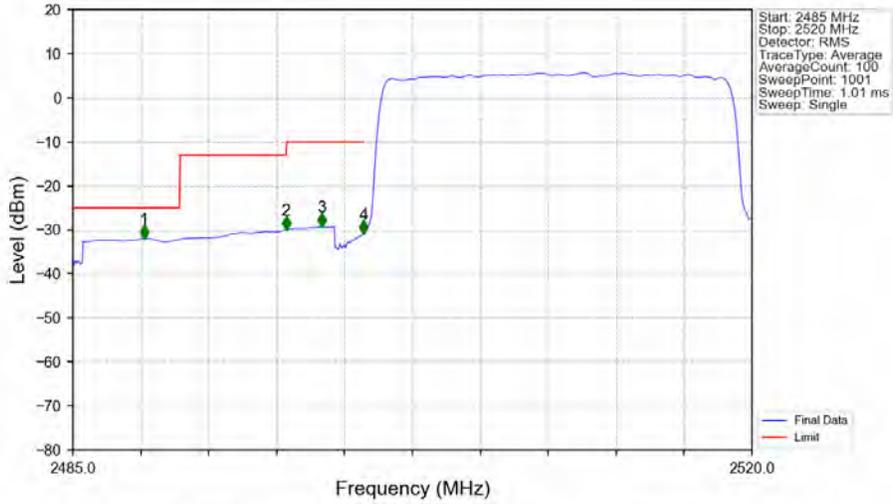
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

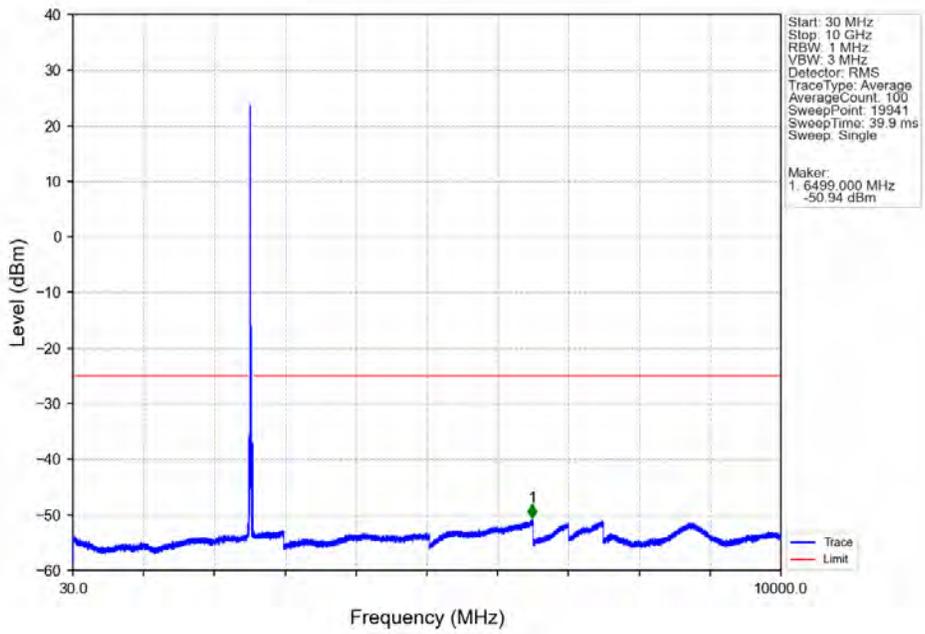


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

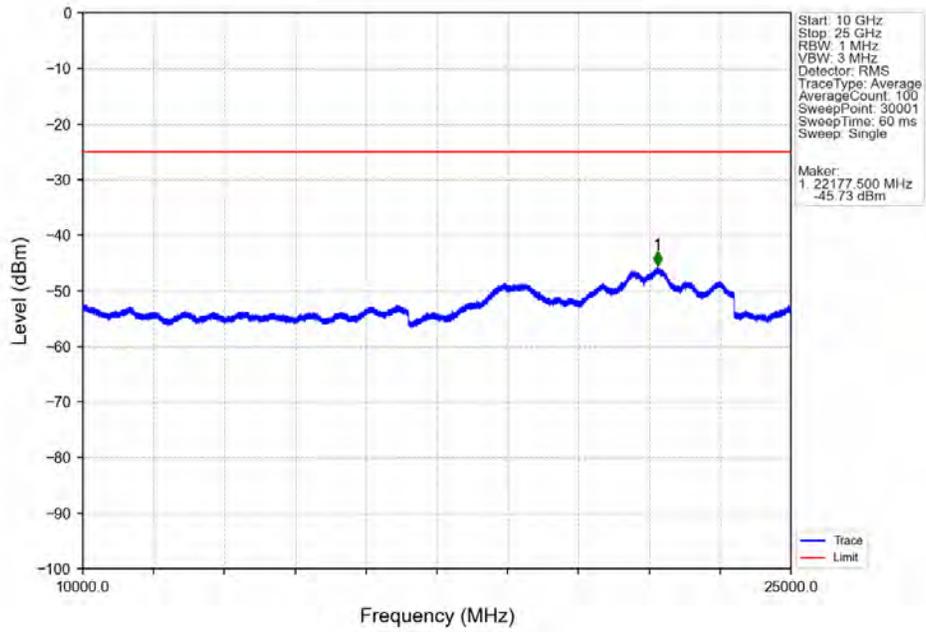


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2488.675	-31.97	-25	Pass
2490.5	2496	1	CHP	2	2495.990	-30.04	-13	Pass
2496	2499	1	CHP	3	2497.845	-29.31	-10	Pass
2499	2500	0.392	CHP	4	2499.980	-30.90	-10	Pass
2500	2520	0.392	CHP	/	/	/	/	/

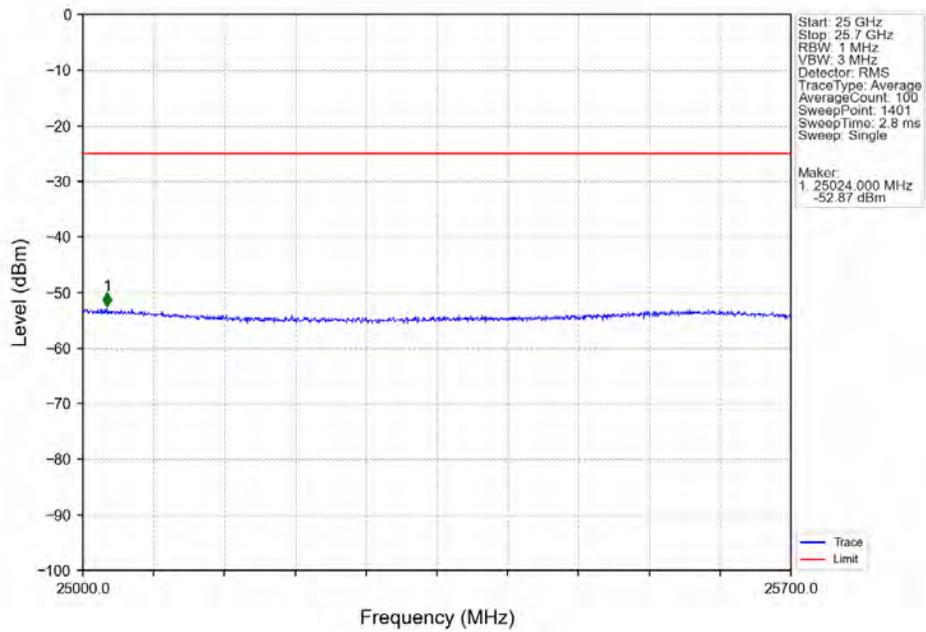
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



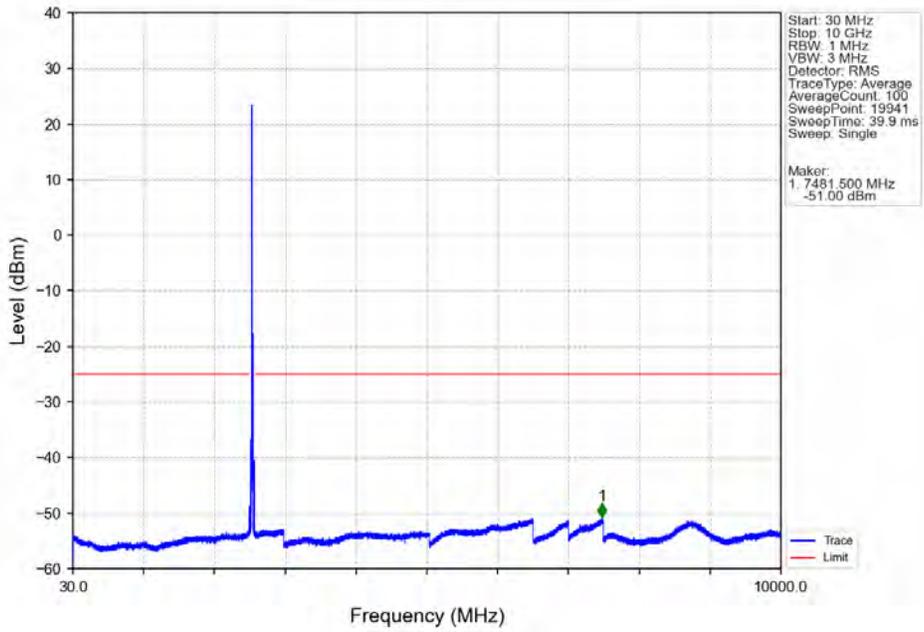
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



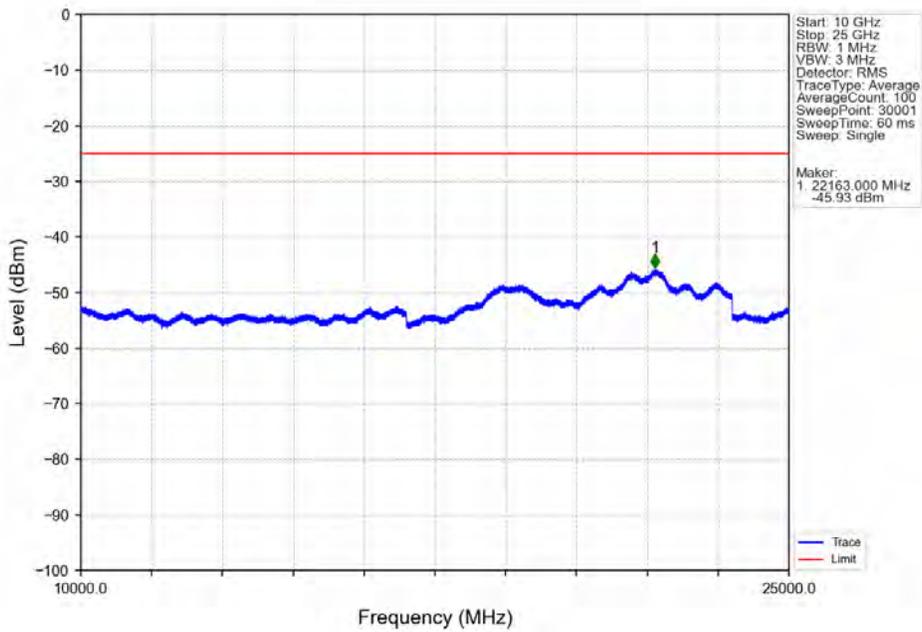
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



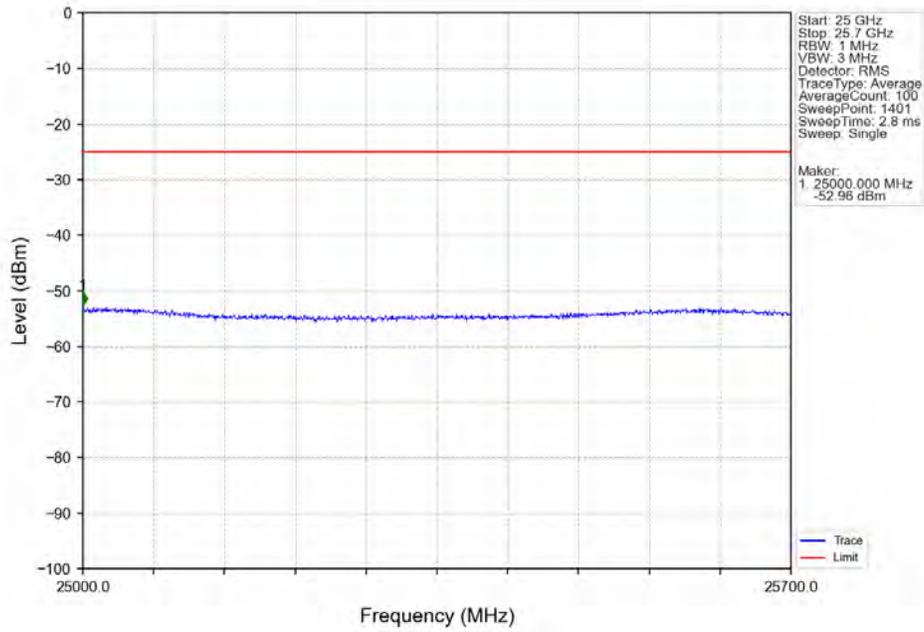
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



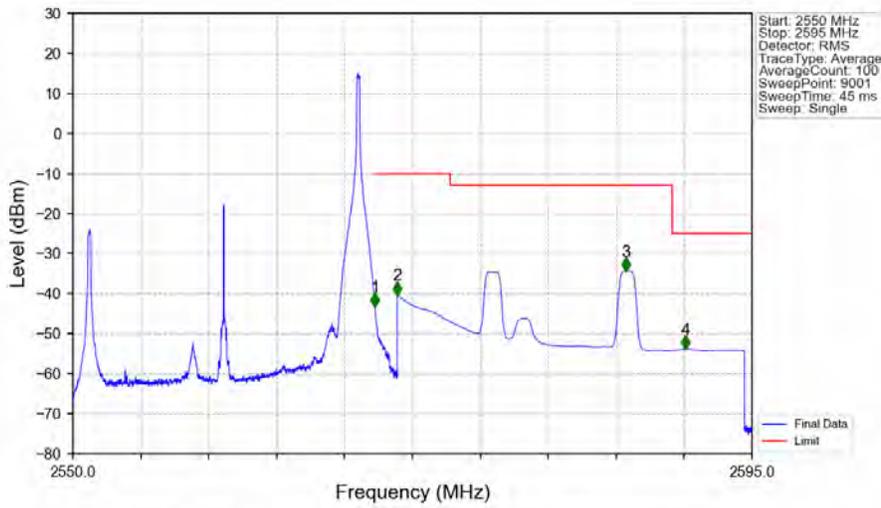
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

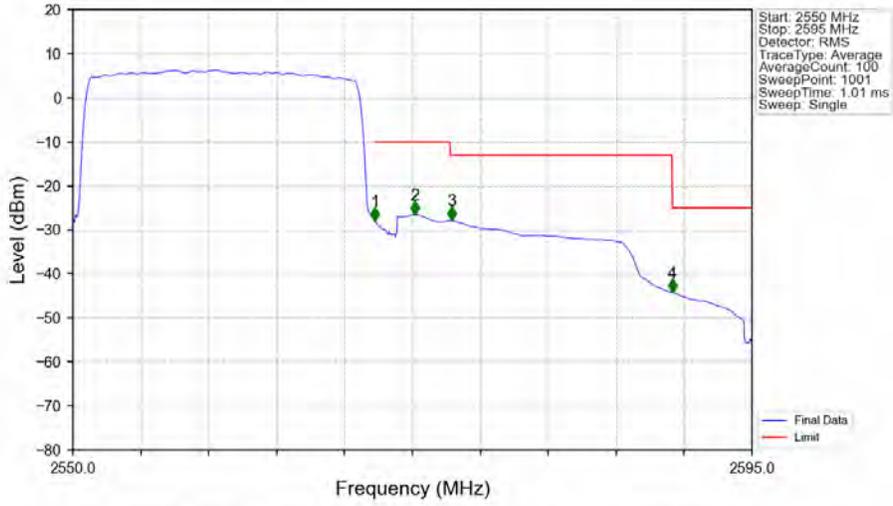


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.02	CHP	/	/	/	/	/
2570	2571	0.02	CHP	1	2570.005	-43.20	-10	Pass
2571	2575	1	CHP	2	2571.500	-40.37	-10	Pass
2575	2589.713	1	CHP	3	2588.625	-34.39	-13	Pass
2589.713	2595	1	CHP	4	2590.590	-53.88	-25	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2550	2570	0.394	CHP	/	/	/	/	/
2570	2571	0.394	CHP	1	2570.025	-27.99	-10	Pass
2571	2575	1	CHP	2	2572.680	-26.52	-10	Pass
2575	2589.713	1	CHP	3	2575.110	-27.89	-13	Pass
2589.713	2595	1	CHP	4	2589.735	-44.28	-25	Pass

6. Field Strength of Spurious Radiation

Test Band = LTE Band 7_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	49.61	-47.99	30.37	-63.28	-25.00	38.28	Horizontal
2	6931.02	50.03	-46.69	35.39	-56.53	-25.00	31.53	Horizontal
3	9241.32	47.42	-43.27	37.74	-53.37	-25.00	28.37	Horizontal
4	11551.7	49.06	-39.91	39.44	-46.66	-25.00	21.66	Horizontal
5	13862.04	49.67	-38.84	40.09	-44.33	-25.00	19.33	Horizontal
6	16172.38	51.37	-37.85	38.47	-43.27	-25.00	18.27	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4620.68	49.00	-47.99	30.37	-63.89	-25.00	38.89	Vertical
2	6931.02	50.12	-46.69	35.39	-56.44	-25.00	31.44	Vertical
3	9241.32	47.02	-43.27	37.74	-53.77	-25.00	28.77	Vertical
4	11551.7	49.59	-39.91	39.44	-46.13	-25.00	21.13	Vertical
5	13862.04	49.79	-38.84	40.09	-44.21	-25.00	19.21	Vertical
6	16172.38	52.01	-37.85	38.47	-42.63	-25.00	17.63	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052	55.80	-47.91	31.35	-56.03	-25.00	31.03	Horizontal
2	7578.27	50.29	-44.91	36.38	-53.50	-25.00	28.50	Horizontal
3	10104.36	48.28	-41.88	38.87	-49.99	-25.00	24.99	Horizontal
4	12630.45	49.35	-39.08	39.02	-45.96	-25.00	20.96	Horizontal
5	15156.54	49.96	-37.42	39.92	-42.81	-25.00	17.81	Horizontal
6	17682.63	49.72	-37.64	42.90	-40.29	-25.00	15.29	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5052	56.07	-47.91	31.35	-55.76	-25.00	30.76	Vertical
2	7578.27	50.48	-44.91	36.38	-53.31	-25.00	28.31	Vertical
3	10104.36	48.59	-41.88	38.87	-49.68	-25.00	24.68	Vertical
4	12630.45	50.23	-39.08	39.02	-45.08	-25.00	20.08	Vertical
5	15156.54	50.73	-37.42	39.92	-42.04	-25.00	17.04	Vertical
6	17682.63	49.55	-37.64	42.90	-40.46	-25.00	15.46	Vertical

Test Band = LTE Band 7_ TM1
Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102.18	52.11	-47.82	31.49	-59.48	-25.00	34.48	Horizontal
2	7653.27	50.16	-44.91	36.37	-53.64	-25.00	28.64	Horizontal
3	10204.36	48.27	-42.10	38.94	-50.14	-25.00	25.14	Horizontal
4	12755.45	49.44	-39.29	38.95	-46.16	-25.00	21.16	Horizontal
5	15306.54	50.74	-37.87	39.65	-42.74	-25.00	17.74	Horizontal
6	17857.63	50.80	-36.85	43.95	-37.36	-25.00	12.36	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5102	53.56	-47.82	31.49	-58.04	-25.00	33.04	Vertical
2	7653.27	49.56	-44.91	36.37	-54.24	-25.00	29.24	Vertical
3	10204.36	48.81	-42.10	38.94	-49.60	-25.00	24.60	Vertical
4	12755.45	50.01	-39.29	38.95	-45.59	-25.00	20.59	Vertical
5	15306.54	52.16	-37.87	39.65	-41.32	-25.00	16.32	Vertical
6	17857.63	50.74	-36.85	43.95	-37.42	-25.00	12.42	Vertical