

1. Effective (Isotropic) Radiated Power Output Data

1.1 B7_5MHz_EIRP(ANT13)

1.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	2502.5	1	0	22.63	0.90	23.53	<=33.01	Pass		
			13	22.57	0.90	23.47	<=33.01	Pass		
			24	22.68	0.90	23.58	<=33.01	Pass		
		12	0	21.63	0.90	22.53	<=33.01	Pass		
			6	21.66	0.90	22.56	<=33.01	Pass		
			13	21.64	0.90	22.54	<=33.01	Pass		
		25	0	21.68	0.90	22.58	<=33.01	Pass		
		2535	1	0	22.59	0.90	23.49	<=33.01	Pass	
				13	22.48	0.90	23.38	<=33.01	Pass	
	24			22.44	0.90	23.34	<=33.01	Pass		
	12		0	21.60	0.90	22.50	<=33.01	Pass		
			6	21.50	0.90	22.40	<=33.01	Pass		
			13	21.55	0.90	22.45	<=33.01	Pass		
	25		0	21.57	0.90	22.47	<=33.01	Pass		
	2567.5		1	0	22.31	0.90	23.21	<=33.01	Pass	
				13	22.26	0.90	23.16	<=33.01	Pass	
		24		22.23	0.90	23.13	<=33.01	Pass		
		12	0	21.35	0.90	22.25	<=33.01	Pass		
			6	21.35	0.90	22.25	<=33.01	Pass		
			13	21.26	0.90	22.16	<=33.01	Pass		
		25	0	21.33	0.90	22.23	<=33.01	Pass		
		16QAM	2502.5	1	0	21.74	0.90	22.64	<=33.01	Pass
					13	21.89	0.90	22.79	<=33.01	Pass
	24				21.99	0.90	22.89	<=33.01	Pass	
12	0			20.67	0.90	21.57	<=33.01	Pass		
	6			20.57	0.90	21.47	<=33.01	Pass		
	13			20.64	0.90	21.54	<=33.01	Pass		
25	0			20.58	0.90	21.48	<=33.01	Pass		
2535	1			0	21.80	0.90	22.70	<=33.01	Pass	
				13	21.80	0.90	22.70	<=33.01	Pass	
			24	21.82	0.90	22.72	<=33.01	Pass		
	12		0	20.54	0.90	21.44	<=33.01	Pass		
			6	20.52	0.90	21.42	<=33.01	Pass		
			13	20.57	0.90	21.47	<=33.01	Pass		
	25		0	20.56	0.90	21.46	<=33.01	Pass		
	2567.5		1	0	21.63	0.90	22.53	<=33.01	Pass	
				13	21.44	0.90	22.34	<=33.01	Pass	
24				21.45	0.90	22.35	<=33.01	Pass		
12			0	20.37	0.90	21.27	<=33.01	Pass		
			6	20.38	0.90	21.28	<=33.01	Pass		
			13	20.28	0.90	21.18	<=33.01	Pass		
25			0	20.39	0.90	21.29	<=33.01	Pass		
64QAM			2502.5	1	0	20.74	0.90	21.64	<=33.01	Pass
					13	20.74	0.90	21.64	<=33.01	Pass
	24				20.77	0.90	21.67	<=33.01	Pass	
	12	0		19.62	0.90	20.52	<=33.01	Pass		
		6		19.62	0.90	20.52	<=33.01	Pass		
		13		19.63	0.90	20.53	<=33.01	Pass		
	25	0		19.55	0.90	20.45	<=33.01	Pass		

	2535	1	0	20.72	0.90	21.62	<=33.01	Pass	
			13	20.60	0.90	21.50	<=33.01	Pass	
			24	20.72	0.90	21.62	<=33.01	Pass	
		12	0	19.60	0.90	20.50	<=33.01	Pass	
			6	19.55	0.90	20.45	<=33.01	Pass	
			13	19.60	0.90	20.50	<=33.01	Pass	
		25	0	19.53	0.90	20.43	<=33.01	Pass	
		2567.5	1	0	20.50	0.90	21.40	<=33.01	Pass
				13	20.39	0.90	21.29	<=33.01	Pass
	24			20.37	0.90	21.27	<=33.01	Pass	
	12		0	19.35	0.90	20.25	<=33.01	Pass	
			6	19.33	0.90	20.23	<=33.01	Pass	
			13	19.31	0.90	20.21	<=33.01	Pass	
	25	0	19.35	0.90	20.25	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B7_10MHz_EIRP

1.2.1 Test Result

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	22.65	0.90	23.55	<=33.01	Pass	
			25	22.69	0.90	23.59	<=33.01	Pass	
			49	22.76	0.90	23.66	<=33.01	Pass	
		25	0	21.60	0.90	22.50	<=33.01	Pass	
			13	21.61	0.90	22.51	<=33.01	Pass	
			25	21.63	0.90	22.53	<=33.01	Pass	
		50	0	21.60	0.90	22.50	<=33.01	Pass	
		2535	1	0	22.68	0.90	23.58	<=33.01	Pass
				25	22.53	0.90	23.43	<=33.01	Pass
	49			22.48	0.90	23.38	<=33.01	Pass	
	25		0	21.64	0.90	22.54	<=33.01	Pass	
			13	21.53	0.90	22.43	<=33.01	Pass	
			25	21.63	0.90	22.53	<=33.01	Pass	
	50		0	21.65	0.90	22.55	<=33.01	Pass	
	2565		1	0	22.41	0.90	23.31	<=33.01	Pass
				25	22.35	0.90	23.25	<=33.01	Pass
		49		22.33	0.90	23.23	<=33.01	Pass	
		25	0	21.56	0.90	22.46	<=33.01	Pass	
			13	21.45	0.90	22.35	<=33.01	Pass	
			25	21.40	0.90	22.30	<=33.01	Pass	
	50	0	21.50	0.90	22.40	<=33.01	Pass		
	16QAM	2505	1	0	21.98	0.90	22.88	<=33.01	Pass
				25	21.91	0.90	22.81	<=33.01	Pass
				49	22.06	0.90	22.96	<=33.01	Pass
25			0	20.60	0.90	21.50	<=33.01	Pass	
			13	20.68	0.90	21.58	<=33.01	Pass	
			25	20.64	0.90	21.54	<=33.01	Pass	
50			0	20.63	0.90	21.53	<=33.01	Pass	
2535			1	0	21.84	0.90	22.74	<=33.01	Pass
				25	21.77	0.90	22.67	<=33.01	Pass
		49		21.74	0.90	22.64	<=33.01	Pass	
		25	0	20.56	0.90	21.46	<=33.01	Pass	
			13	20.61	0.90	21.51	<=33.01	Pass	
			25	20.55	0.90	21.45	<=33.01	Pass	

	2565	1	50	0	20.62	0.90	21.52	<=33.01	Pass		
			25	0	21.89	0.90	22.79	<=33.01	Pass		
				25	21.65	0.90	22.55	<=33.01	Pass		
				49	21.65	0.90	22.55	<=33.01	Pass		
		25	0	20.51	0.90	21.41	<=33.01	Pass			
			13	20.44	0.90	21.34	<=33.01	Pass			
			25	20.42	0.90	21.32	<=33.01	Pass			
		50	0	20.47	0.90	21.37	<=33.01	Pass			
		64QAM	2505	1	0	20.72	0.90	21.62	<=33.01	Pass	
					25	20.81	0.90	21.71	<=33.01	Pass	
					49	20.92	0.90	21.82	<=33.01	Pass	
				25	0	19.68	0.90	20.58	<=33.01	Pass	
13	19.60				0.90	20.50	<=33.01	Pass			
25	19.77				0.90	20.67	<=33.01	Pass			
50	0			19.87	0.90	20.77	<=33.01	Pass			
2535	1			0	20.79	0.90	21.69	<=33.01	Pass		
				25	20.74	0.90	21.64	<=33.01	Pass		
				49	20.61	0.90	21.51	<=33.01	Pass		
	25			0	19.53	0.90	20.43	<=33.01	Pass		
				13	19.53	0.90	20.43	<=33.01	Pass		
			25	19.61	0.90	20.51	<=33.01	Pass			
	50		0	19.54	0.90	20.44	<=33.01	Pass			
	2565		1	0	20.64	0.90	21.54	<=33.01	Pass		
				25	20.60	0.90	21.50	<=33.01	Pass		
49				20.54	0.90	21.44	<=33.01	Pass			
25			0	19.54	0.90	20.44	<=33.01	Pass			
			13	19.45	0.90	20.35	<=33.01	Pass			
			25	19.44	0.90	20.34	<=33.01	Pass			
50			0	19.46	0.90	20.36	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain											

1.3 B7_15MHz_EIRP

1.3.1 Test Result

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	22.73	0.90	23.63	<=33.01	Pass	
			38	22.81	0.90	23.71	<=33.01	Pass	
			74	22.80	0.90	23.70	<=33.01	Pass	
		36	0	21.70	0.90	22.60	<=33.01	Pass	
			18	21.73	0.90	22.63	<=33.01	Pass	
			39	21.71	0.90	22.61	<=33.01	Pass	
		75	0	21.74	0.90	22.64	<=33.01	Pass	
		2535	1	0	22.64	0.90	23.54	<=33.01	Pass
				38	22.58	0.90	23.48	<=33.01	Pass
	74			22.52	0.90	23.42	<=33.01	Pass	
	36		0	21.61	0.90	22.51	<=33.01	Pass	
			18	21.56	0.90	22.46	<=33.01	Pass	
			39	21.58	0.90	22.48	<=33.01	Pass	
	75	0	21.62	0.90	22.52	<=33.01	Pass		
	2562.5	1	0	22.59	0.90	23.49	<=33.01	Pass	
			38	22.46	0.90	23.36	<=33.01	Pass	
			74	22.47	0.90	23.37	<=33.01	Pass	
		36	0	21.58	0.90	22.48	<=33.01	Pass	
			18	21.52	0.90	22.42	<=33.01	Pass	

16QAM	2507.5	1	39	21.41	0.90	22.31	<=33.01	Pass	
			75	0	21.53	0.90	22.43	<=33.01	Pass
			36	0	21.86	0.90	22.76	<=33.01	Pass
		38		21.95	0.90	22.85	<=33.01	Pass	
		74		22.01	0.90	22.91	<=33.01	Pass	
		36	0	20.69	0.90	21.59	<=33.01	Pass	
			18	20.70	0.90	21.60	<=33.01	Pass	
			39	20.70	0.90	21.60	<=33.01	Pass	
		75	0	20.76	0.90	21.66	<=33.01	Pass	
	2535	1	0	21.82	0.90	22.72	<=33.01	Pass	
			38	21.82	0.90	22.72	<=33.01	Pass	
			74	21.78	0.90	22.68	<=33.01	Pass	
		36	0	20.64	0.90	21.54	<=33.01	Pass	
			18	20.54	0.90	21.44	<=33.01	Pass	
			39	20.57	0.90	21.47	<=33.01	Pass	
		75	0	20.63	0.90	21.53	<=33.01	Pass	
		2562.5	1	0	21.83	0.90	22.73	<=33.01	Pass
				38	21.83	0.90	22.73	<=33.01	Pass
	74			21.66	0.90	22.56	<=33.01	Pass	
	36		0	20.59	0.90	21.49	<=33.01	Pass	
			18	20.48	0.90	21.38	<=33.01	Pass	
			39	20.38	0.90	21.28	<=33.01	Pass	
	75		0	20.53	0.90	21.43	<=33.01	Pass	
	64QAM		2507.5	1	0	20.80	0.90	21.70	<=33.01
38					20.93	0.90	21.83	<=33.01	Pass
74		20.91			0.90	21.81	<=33.01	Pass	
36		0		19.73	0.90	20.63	<=33.01	Pass	
		18		19.71	0.90	20.61	<=33.01	Pass	
		39		19.77	0.90	20.67	<=33.01	Pass	
75		0		19.71	0.90	20.61	<=33.01	Pass	
2535		1		0	20.81	0.90	21.71	<=33.01	Pass
				38	20.69	0.90	21.59	<=33.01	Pass
			74	20.67	0.90	21.57	<=33.01	Pass	
		36	0	19.63	0.90	20.53	<=33.01	Pass	
			18	19.59	0.90	20.49	<=33.01	Pass	
			39	19.62	0.90	20.52	<=33.01	Pass	
		75	0	19.52	0.90	20.42	<=33.01	Pass	
		2562.5	1	0	20.78	0.90	21.68	<=33.01	Pass
				38	20.60	0.90	21.50	<=33.01	Pass
74				20.52	0.90	21.42	<=33.01	Pass	
36			0	19.59	0.90	20.49	<=33.01	Pass	
			18	19.51	0.90	20.41	<=33.01	Pass	
			39	19.40	0.90	20.30	<=33.01	Pass	
75			0	19.53	0.90	20.43	<=33.01	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B7_20MHz_EIRP

1.4.1 Test Result

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	22.75	0.90	23.65	<=33.01	Pass
			50	22.82	0.90	23.72	<=33.01	Pass
			99	22.77	0.90	23.67	<=33.01	Pass
		50	0	21.81	0.90	22.71	<=33.01	Pass

	2535	100	25	21.82	0.90	22.72	<=33.01	Pass	
			50	21.83	0.90	22.73	<=33.01	Pass	
		1	0	21.77	0.90	22.67	<=33.01	Pass	
			0	22.71	0.90	23.61	<=33.01	Pass	
			50	22.56	0.90	23.46	<=33.01	Pass	
		50	99	22.53	0.90	23.43	<=33.01	Pass	
			0	21.68	0.90	22.58	<=33.01	Pass	
			25	21.66	0.90	22.56	<=33.01	Pass	
		100	50	21.60	0.90	22.50	<=33.01	Pass	
	0		21.66	0.90	22.56	<=33.01	Pass		
	0		22.62	0.90	23.52	<=33.01	Pass		
	2560	1	50	22.48	0.90	23.38	<=33.01	Pass	
			99	22.27	0.90	23.17	<=33.01	Pass	
			0	21.66	0.90	22.56	<=33.01	Pass	
		50	25	21.57	0.90	22.47	<=33.01	Pass	
			50	21.45	0.90	22.35	<=33.01	Pass	
			0	21.58	0.90	22.48	<=33.01	Pass	
		100	0	21.58	0.90	22.48	<=33.01	Pass	
16QAM		2510	1	0	21.98	0.90	22.88	<=33.01	Pass
				50	22.17	0.90	23.07	<=33.01	Pass
	99			21.91	0.90	22.81	<=33.01	Pass	
	50		0	20.78	0.90	21.68	<=33.01	Pass	
			25	20.81	0.90	21.71	<=33.01	Pass	
			50	20.78	0.90	21.68	<=33.01	Pass	
	100		0	20.76	0.90	21.66	<=33.01	Pass	
	2535		1	0	22.00	0.90	22.90	<=33.01	Pass
				50	21.88	0.90	22.78	<=33.01	Pass
		99		21.88	0.90	22.78	<=33.01	Pass	
		50	0	20.66	0.90	21.56	<=33.01	Pass	
			25	20.63	0.90	21.53	<=33.01	Pass	
			50	20.62	0.90	21.52	<=33.01	Pass	
		100	0	20.65	0.90	21.55	<=33.01	Pass	
		2560	1	0	21.88	0.90	22.78	<=33.01	Pass
				50	21.81	0.90	22.71	<=33.01	Pass
	99			21.62	0.90	22.52	<=33.01	Pass	
	50		0	20.68	0.90	21.58	<=33.01	Pass	
25			20.59	0.90	21.49	<=33.01	Pass		
50			20.45	0.90	21.35	<=33.01	Pass		
100	0		20.54	0.90	21.44	<=33.01	Pass		
64QAM	2510		1	0	20.90	0.90	21.80	<=33.01	Pass
				50	20.98	0.90	21.88	<=33.01	Pass
		99		20.87	0.90	21.77	<=33.01	Pass	
		50	0	19.81	0.90	20.71	<=33.01	Pass	
			25	19.80	0.90	20.70	<=33.01	Pass	
			50	19.78	0.90	20.68	<=33.01	Pass	
		100	0	19.75	0.90	20.65	<=33.01	Pass	
		2535	1	0	20.90	0.90	21.80	<=33.01	Pass
				50	20.78	0.90	21.68	<=33.01	Pass
	99			20.82	0.90	21.72	<=33.01	Pass	
	50		0	19.65	0.90	20.55	<=33.01	Pass	
			25	19.64	0.90	20.54	<=33.01	Pass	
			50	19.63	0.90	20.53	<=33.01	Pass	
	100		0	19.62	0.90	20.52	<=33.01	Pass	
	2560		1	0	20.90	0.90	21.80	<=33.01	Pass
				50	20.76	0.90	21.66	<=33.01	Pass
		99		20.46	0.90	21.36	<=33.01	Pass	
		50	0	19.67	0.90	20.57	<=33.01	Pass	
25			19.55	0.90	20.45	<=33.01	Pass		
50			19.46	0.90	20.36	<=33.01	Pass		
100		0	19.52	0.90	20.42	<=33.01	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 B7_20MHz

2.1.1 Test Result

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	3.7	-5.600	-0.0022	/	Pass	
					3.91	-2.700	-0.0011	/	Pass	
					4.4	-10.200	-0.0041	/	Pass	
				-30	3.91	7.600	0.0030	/	Pass	
					-20	3.91	-2.400	-0.0010	/	Pass
						-10	3.91	1.500	0.0006	/
				0	3.91	16.100	0.0064	/	Pass	
				10	3.91	13.500	0.0054	/	Pass	
				30	3.91	0.000	0.0000	/	Pass	
	40	3.91	-7.300	-0.0029	/	Pass				
	50	3.91	-7.400	-0.0029	/	Pass				
	2535	100	0	20	3.7	-1.100	-0.0004	/	Pass	
					3.91	-9.300	-0.0037	/	Pass	
					4.4	-1.900	-0.0007	/	Pass	
				-30	3.91	-10.900	-0.0043	/	Pass	
					-20	3.91	-9.200	-0.0036	/	Pass
						-10	3.91	-5.600	-0.0022	/
				0	3.91	8.000	0.0032	/	Pass	
				10	3.91	-4.100	-0.0016	/	Pass	
				30	3.91	-3.800	-0.0015	/	Pass	
	40	3.91	6.400	0.0025	/	Pass				
	50	3.91	3.200	0.0013	/	Pass				
	2560	100	0	20	3.7	-7.600	-0.0030	/	Pass	
					3.91	7.900	0.0031	/	Pass	
					4.4	7.900	0.0031	/	Pass	
				-30	3.91	5.200	0.0020	/	Pass	
					-20	3.91	-11.800	-0.0046	/	Pass
-10						3.91	4.800	0.0019	/	Pass
0				3.91	7.700	0.0030	/	Pass		
10				3.91	13.400	0.0052	/	Pass		
30				3.91	-24.100	-0.0094	/	Pass		
40	3.91	-11.200	-0.0044	/	Pass					
50	3.91	4.400	0.0017	/	Pass					

3. 99% & 26dB Bandwidth

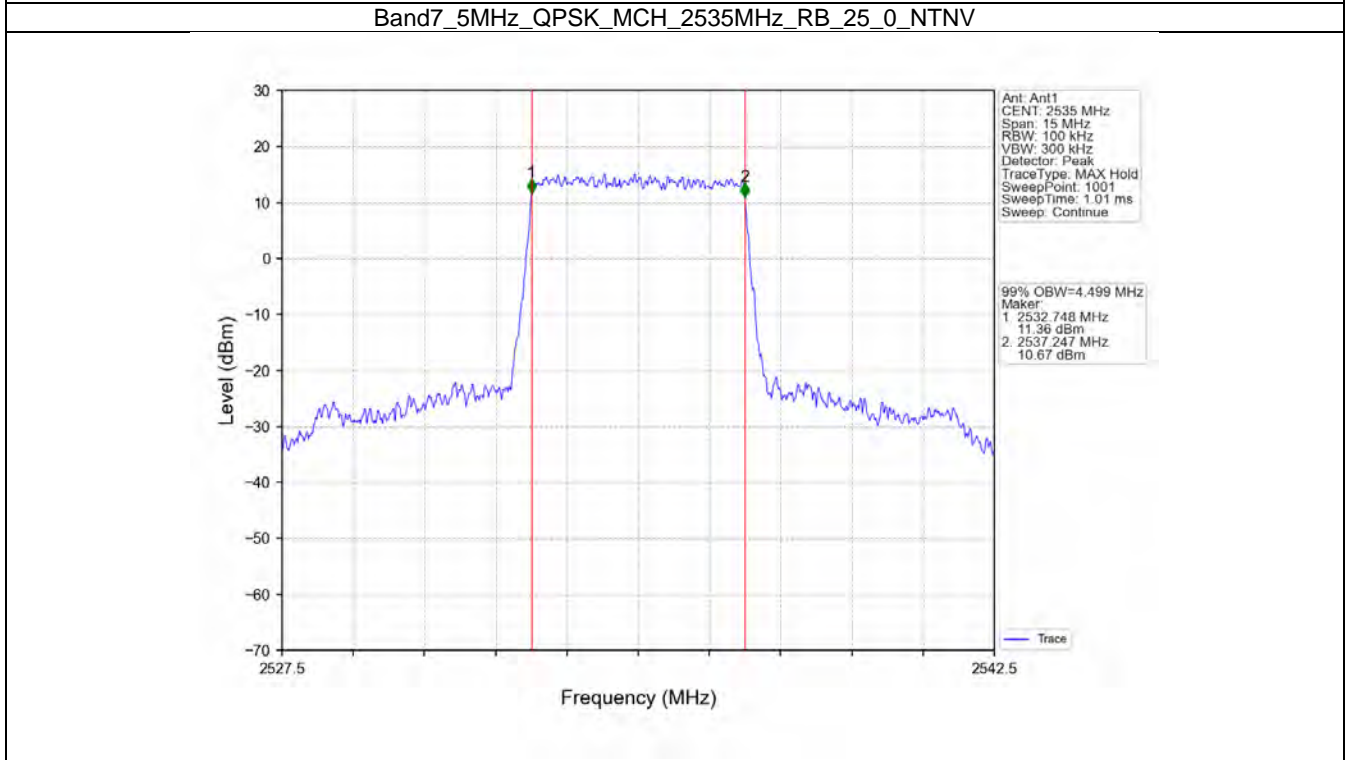
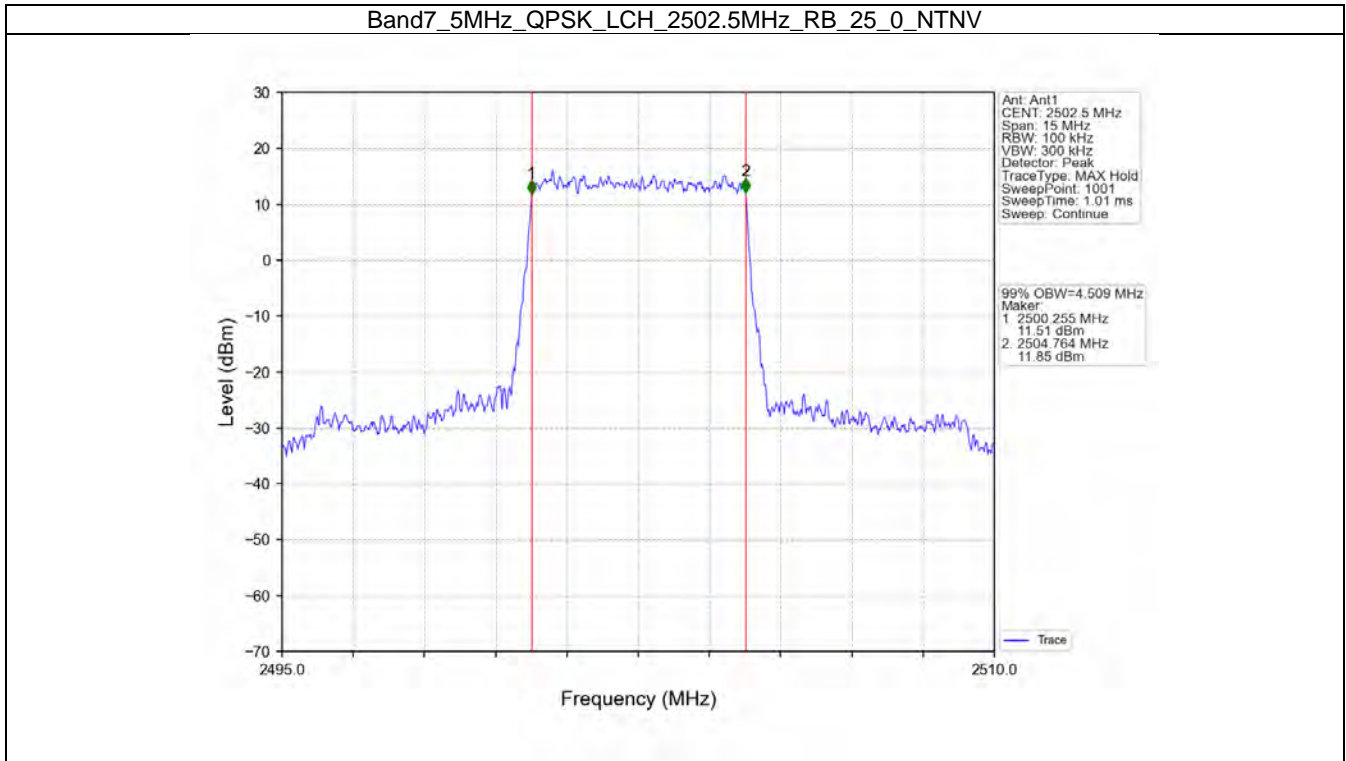
3.1 Band7_OBW

3.1.1 Test Result

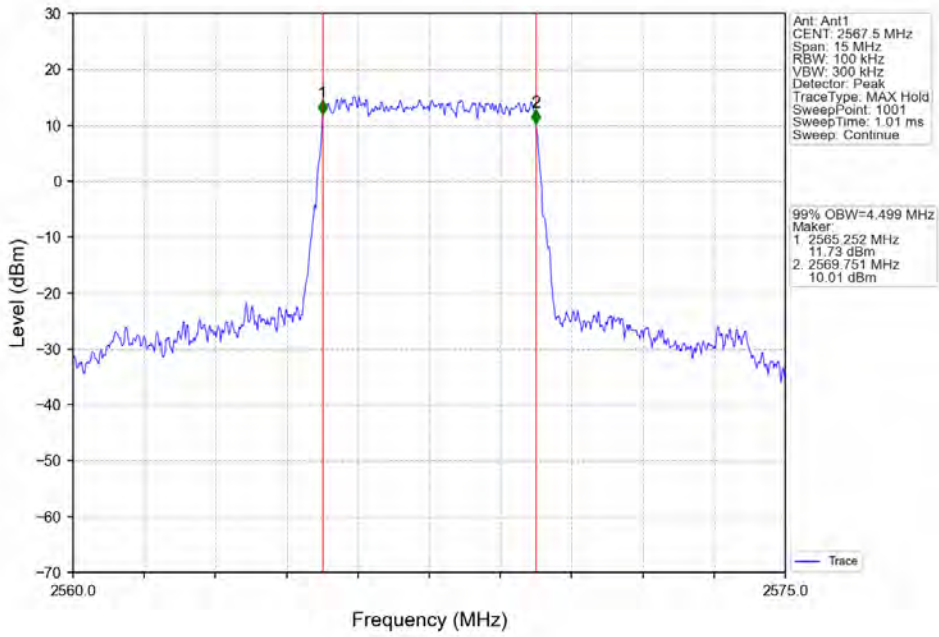
Band: 7 / NTV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	

5	QPSK	2502.5	25	0	4.509	/	Pass
		2535	25	0	4.499	/	Pass
		2567.5	25	0	4.499	/	Pass
	16QAM	2502.5	25	0	4.503	/	Pass
		2535	25	0	4.505	/	Pass
		2567.5	25	0	4.499	/	Pass
	64QAM	2502.5	25	0	4.497	/	Pass
		2535	25	0	4.516	/	Pass
		2567.5	25	0	4.510	/	Pass
10	QPSK	2505	50	0	8.996	/	Pass
		2535	50	0	8.976	/	Pass
		2565	50	0	8.986	/	Pass
	16QAM	2505	50	0	8.986	/	Pass
		2535	50	0	9.008	/	Pass
		2565	50	0	8.995	/	Pass
	64QAM	2505	50	0	8.987	/	Pass
		2535	50	0	9.021	/	Pass
		2565	50	0	8.989	/	Pass
15	QPSK	2507.5	75	0	13.507	/	Pass
		2535	75	0	13.519	/	Pass
		2562.5	75	0	13.479	/	Pass
	16QAM	2507.5	75	0	13.480	/	Pass
		2535	75	0	13.479	/	Pass
		2562.5	75	0	13.484	/	Pass
	64QAM	2507.5	75	0	13.473	/	Pass
		2535	75	0	13.480	/	Pass
		2562.5	75	0	13.469	/	Pass
20	QPSK	2510	100	0	18.040	/	Pass
		2535	100	0	18.018	/	Pass
		2560	100	0	18.022	/	Pass
	16QAM	2510	100	0	18.062	/	Pass
		2535	100	0	18.043	/	Pass
		2560	100	0	18.045	/	Pass
	64QAM	2510	100	0	18.031	/	Pass
		2535	100	0	18.031	/	Pass
		2560	100	0	18.031	/	Pass

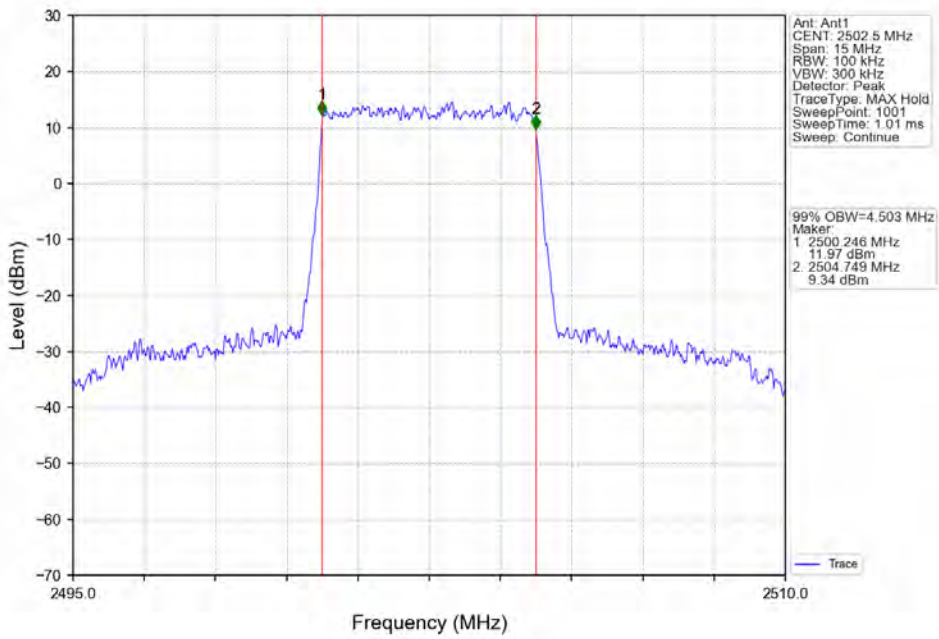
3.1.2 Test Graph



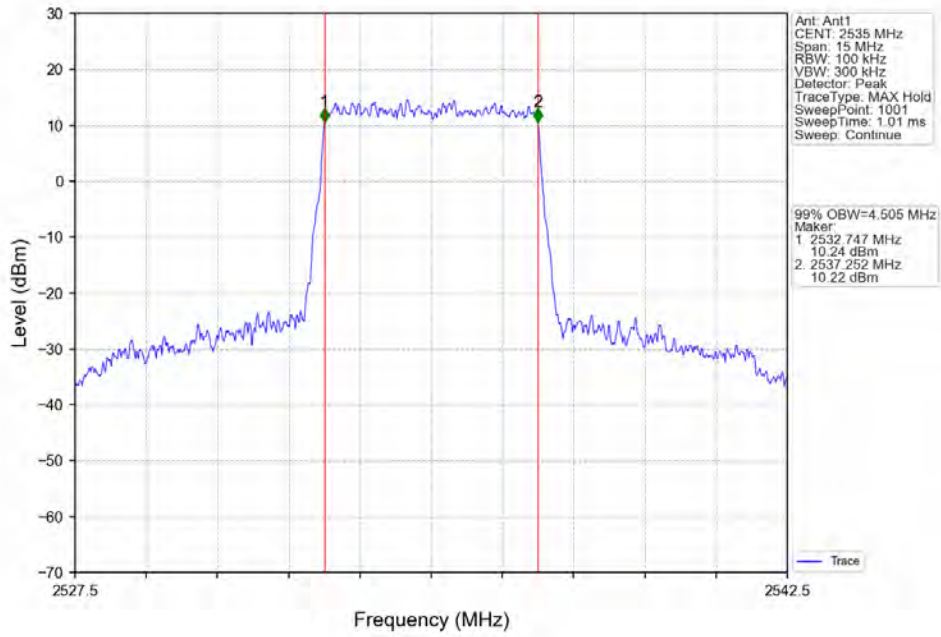
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



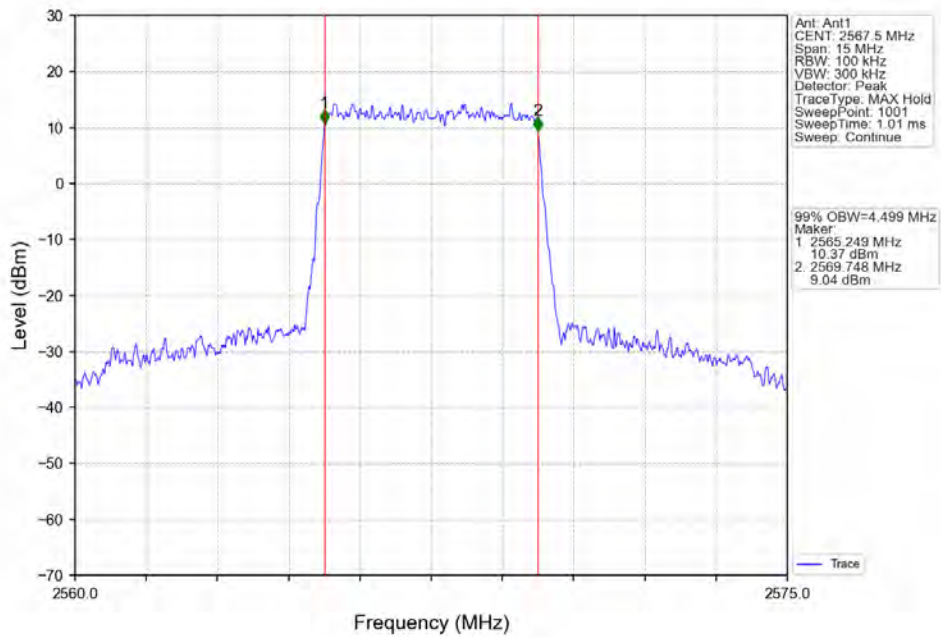
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



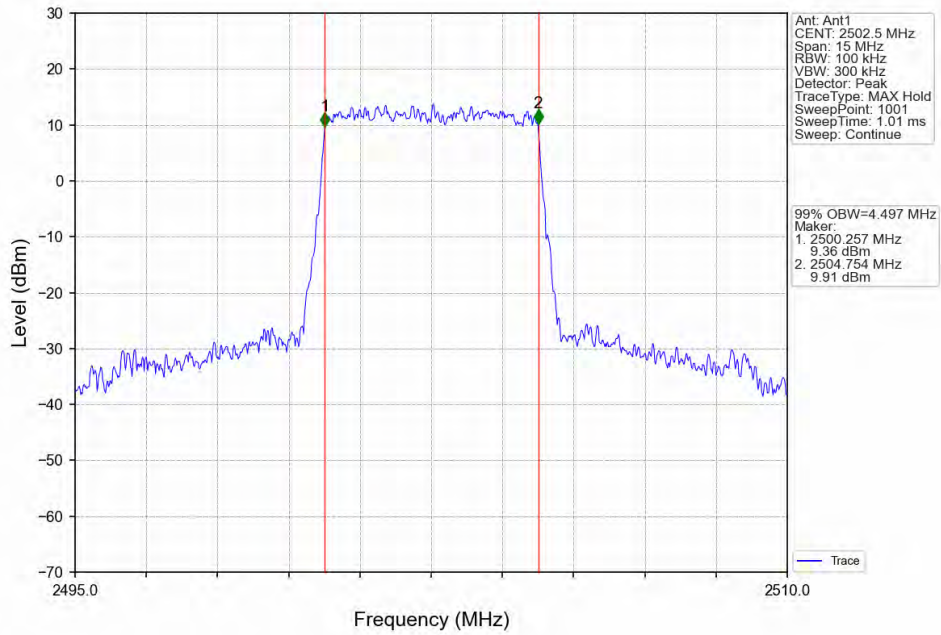
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



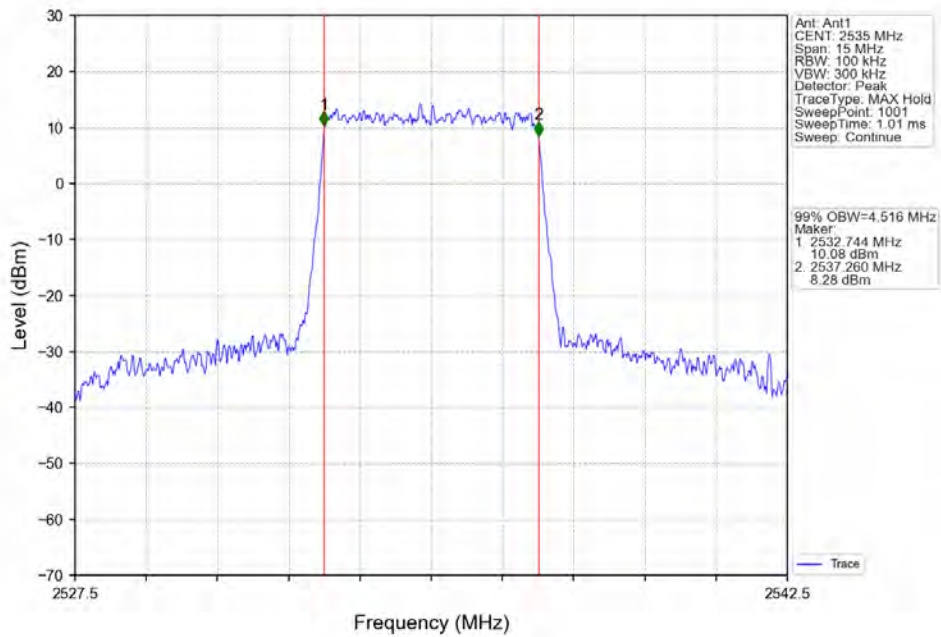
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



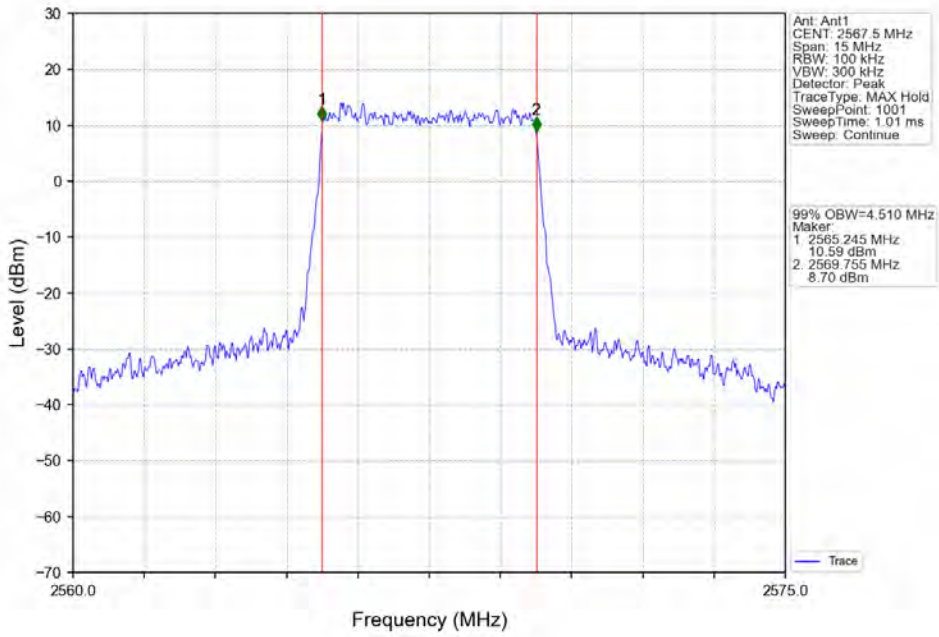
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



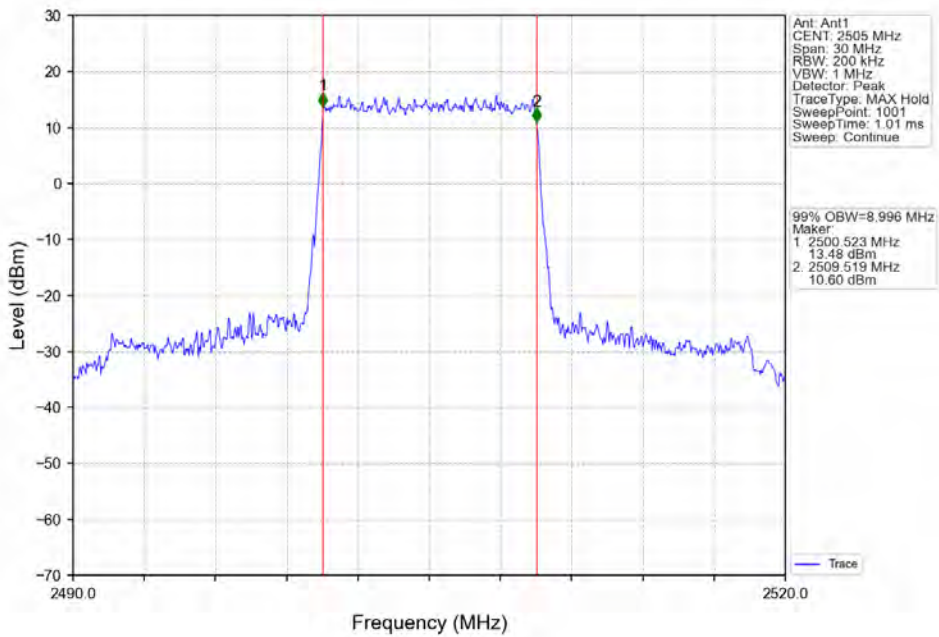
Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



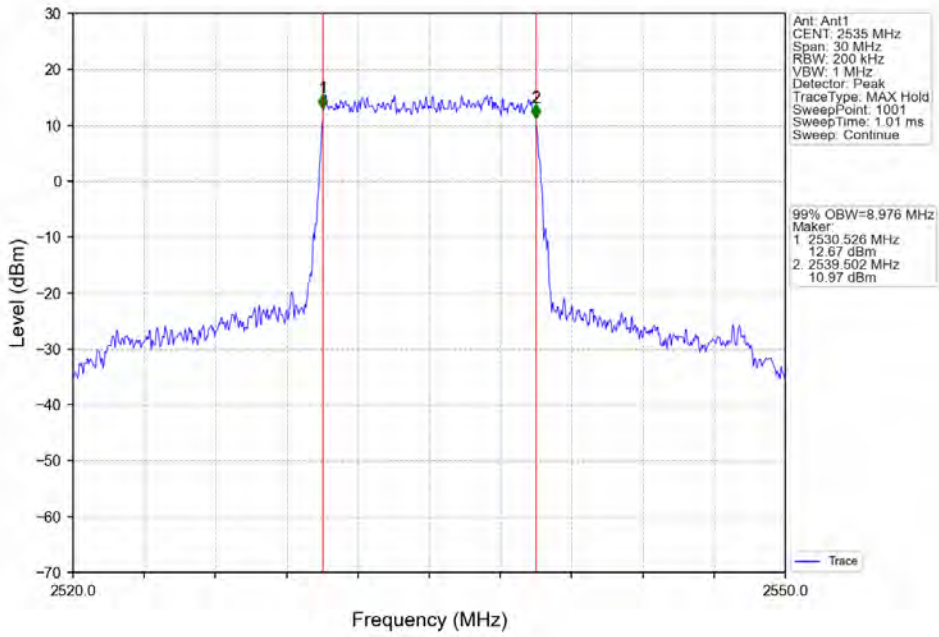
Band7_5MHz_64QAM_HCH_2567.5MHz_RB_25_0_NTNV



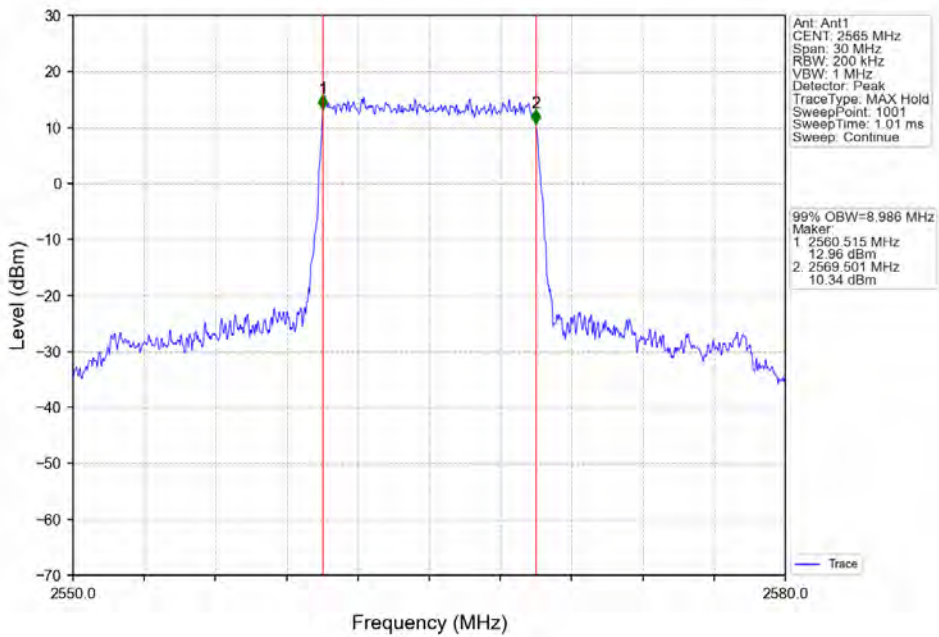
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



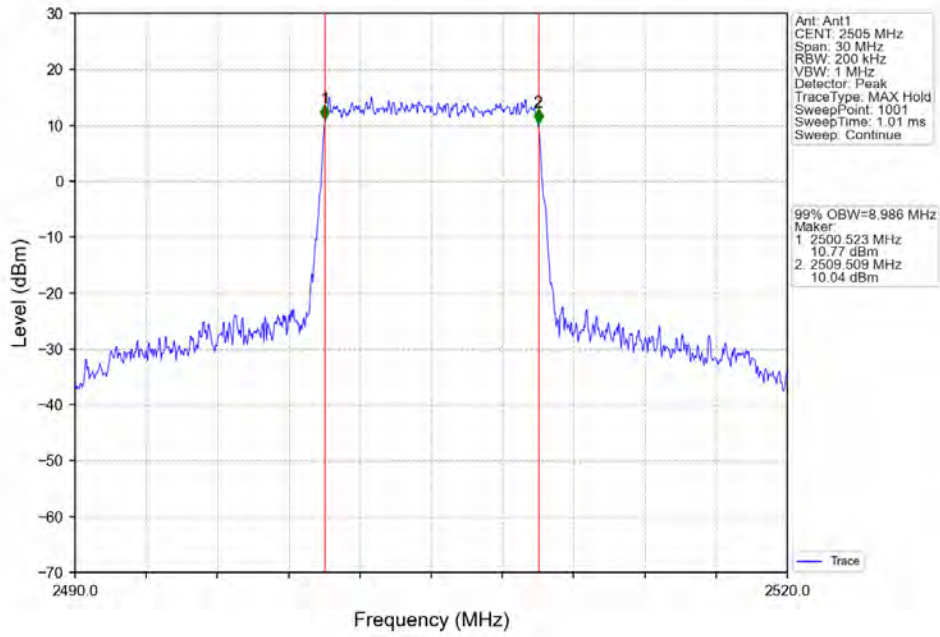
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



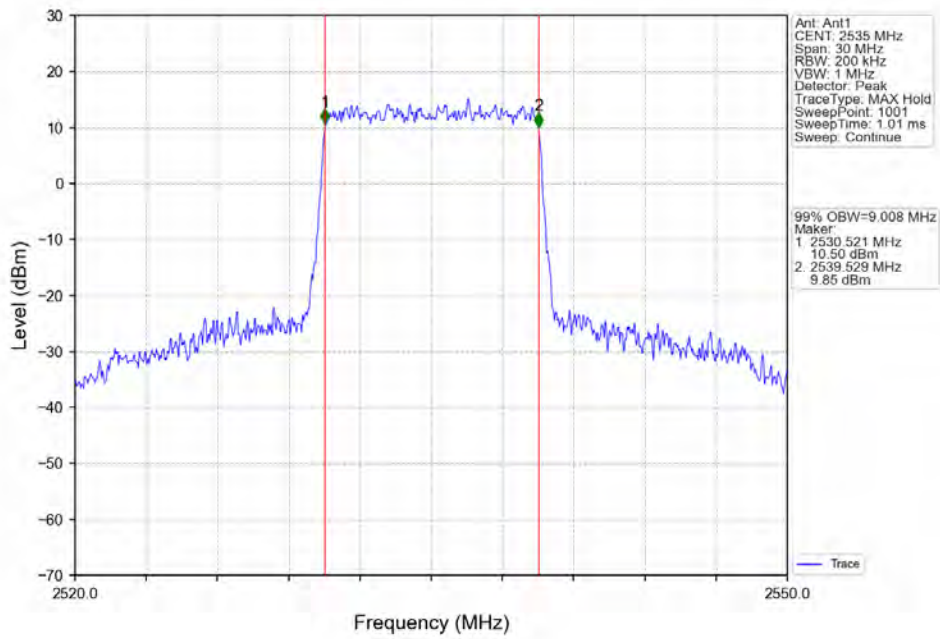
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



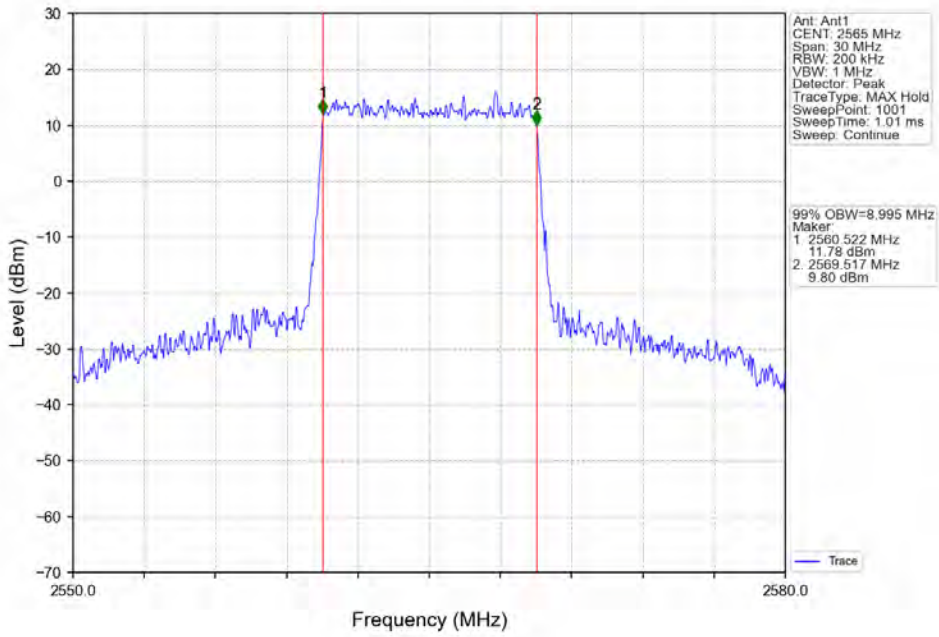
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



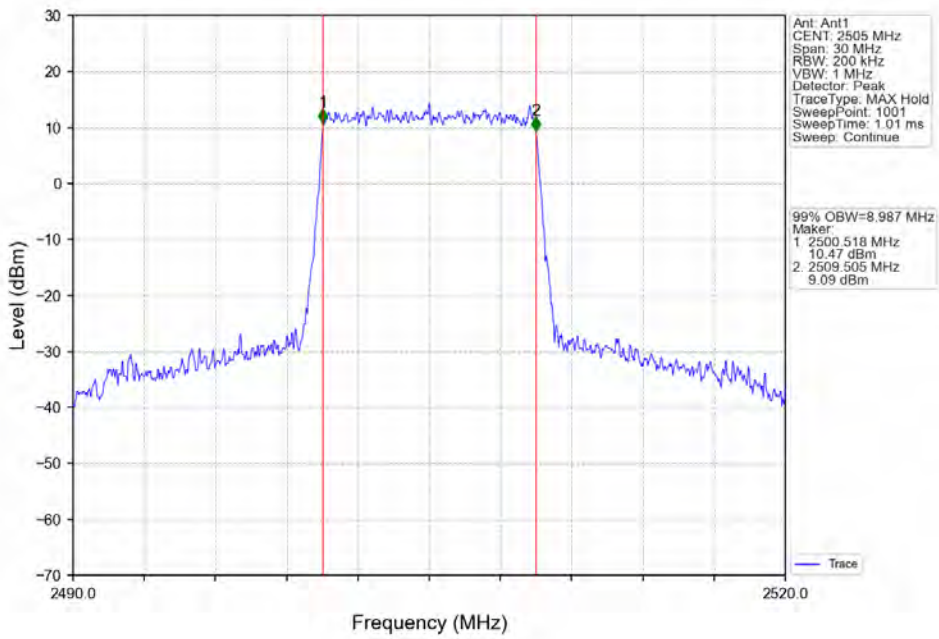
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



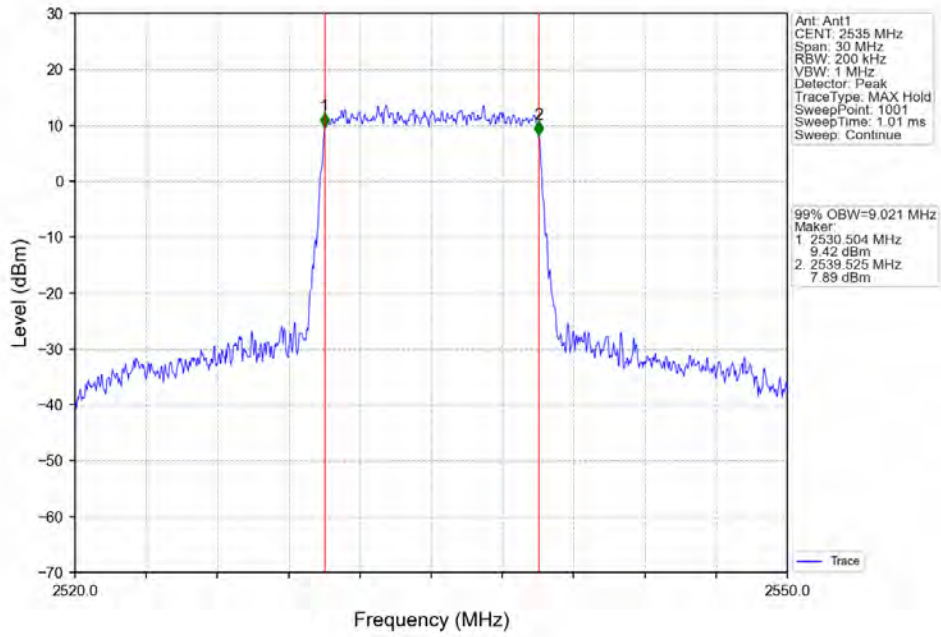
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



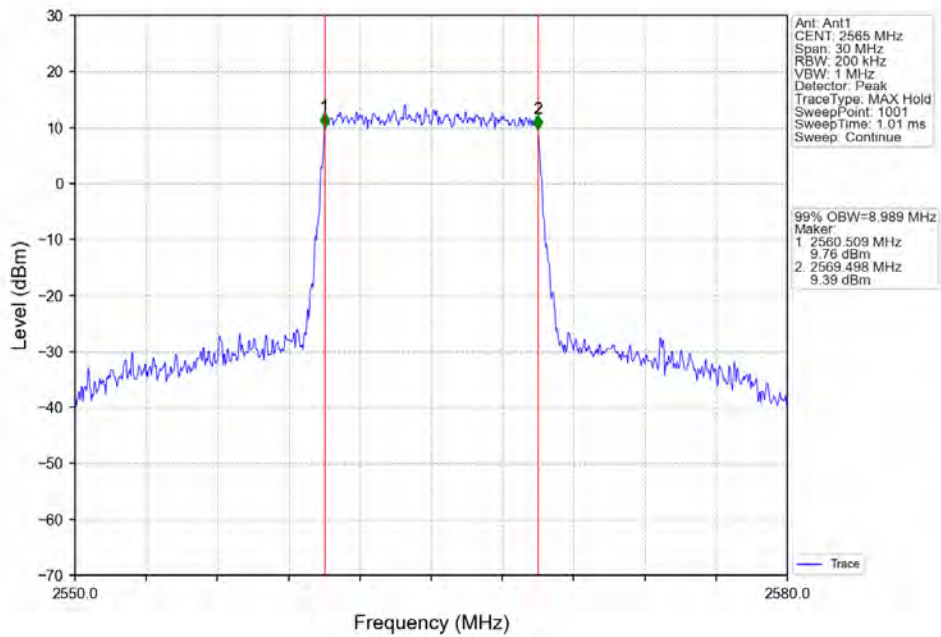
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



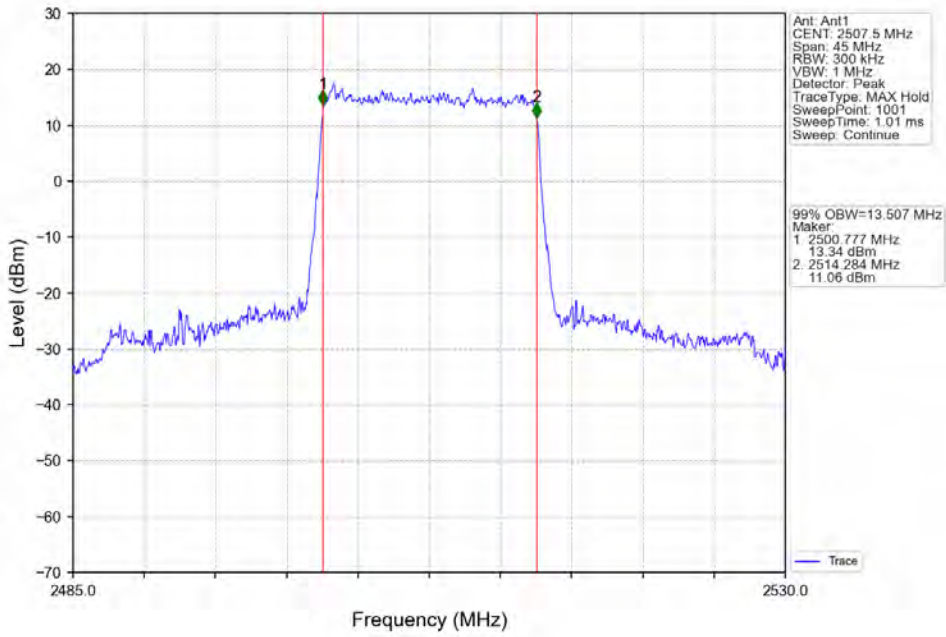
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



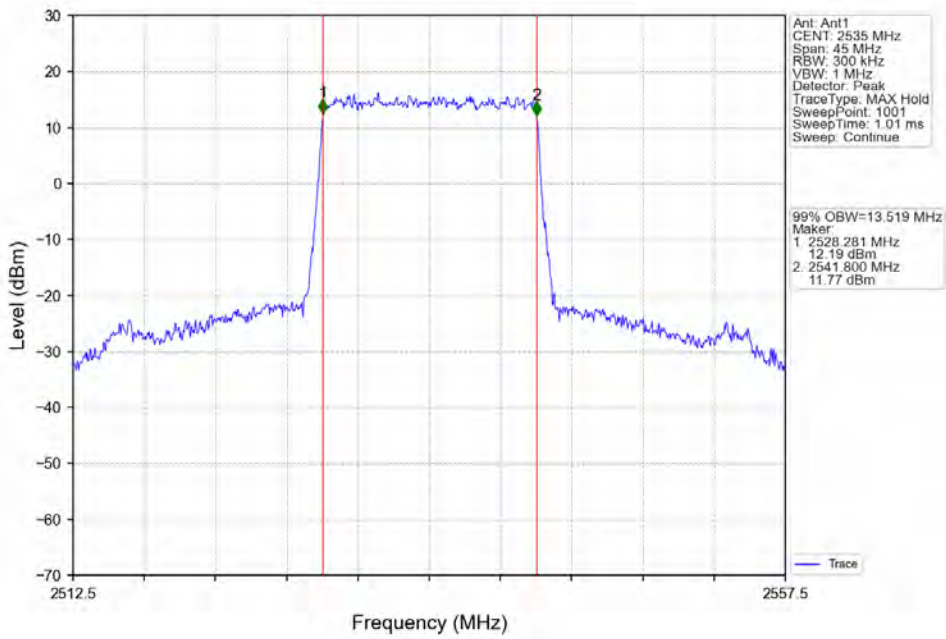
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



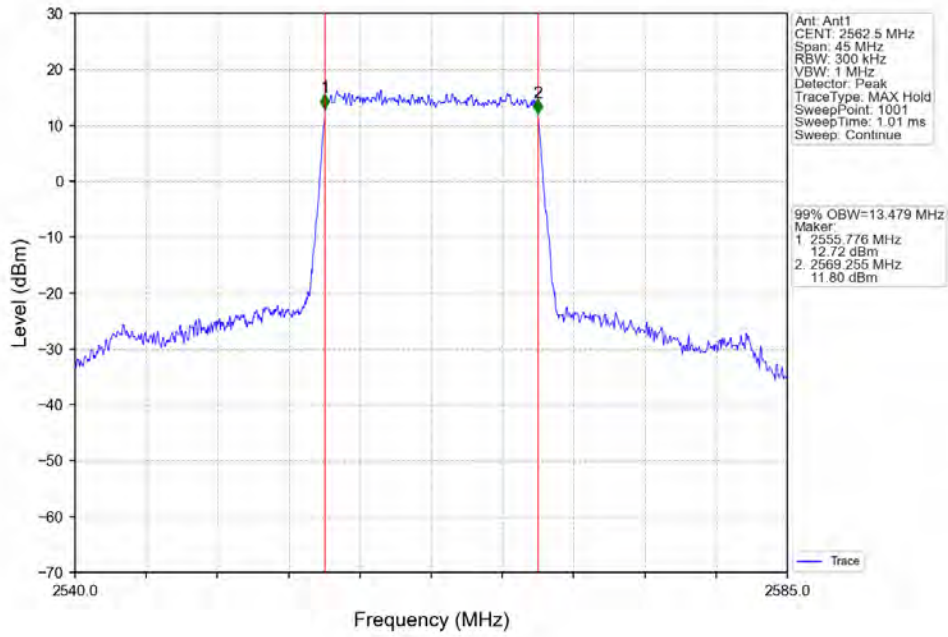
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



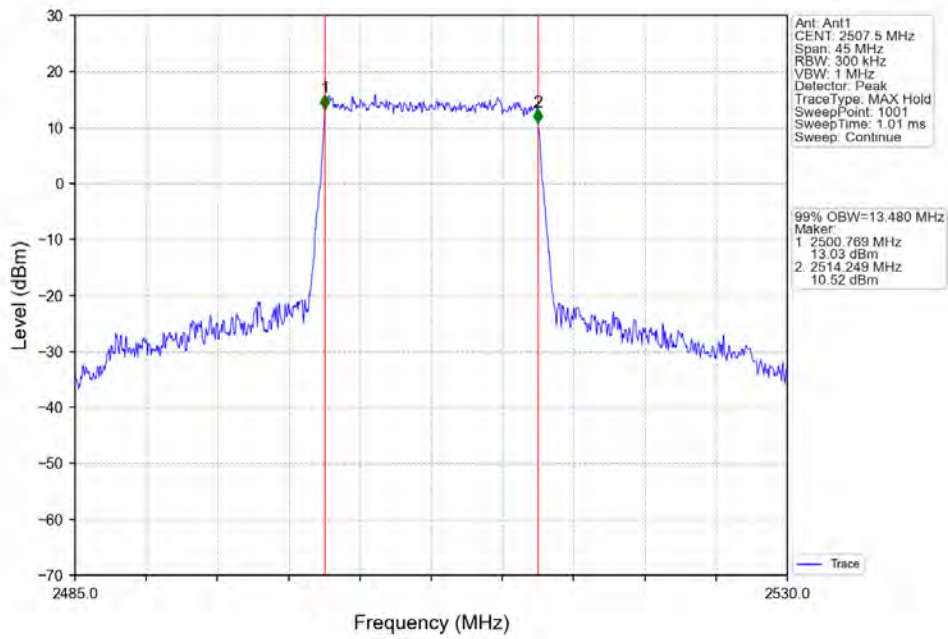
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



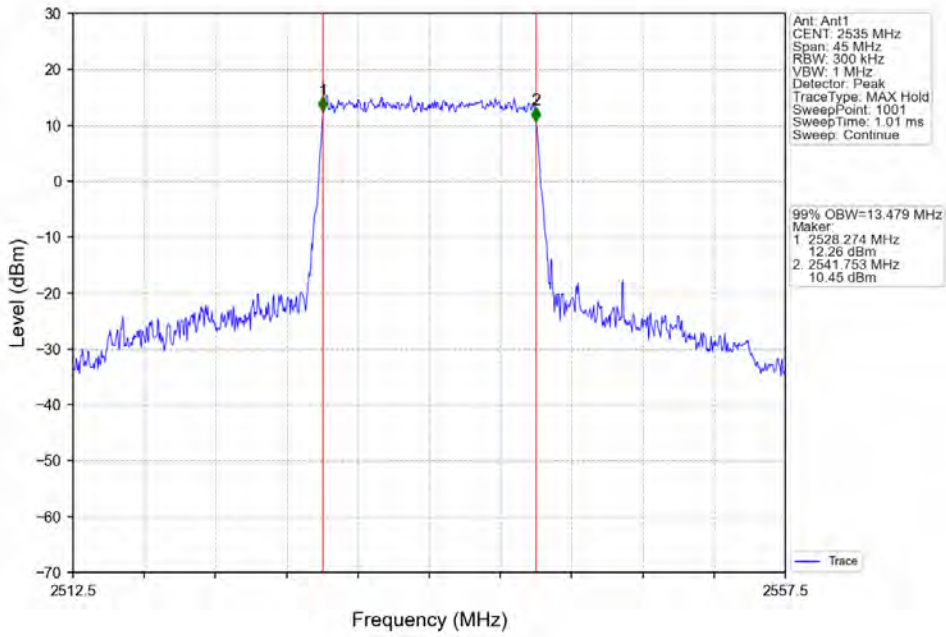
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



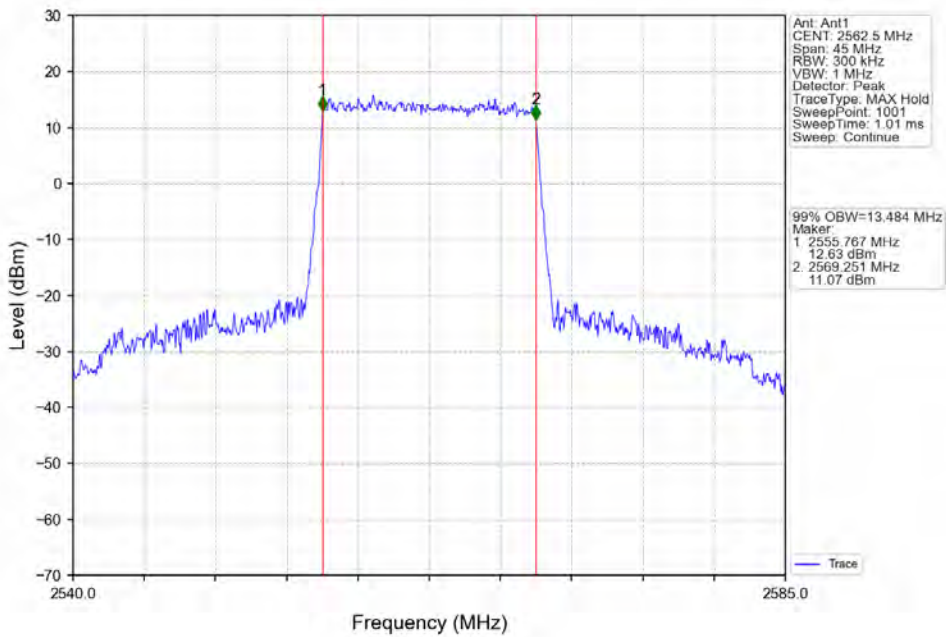
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



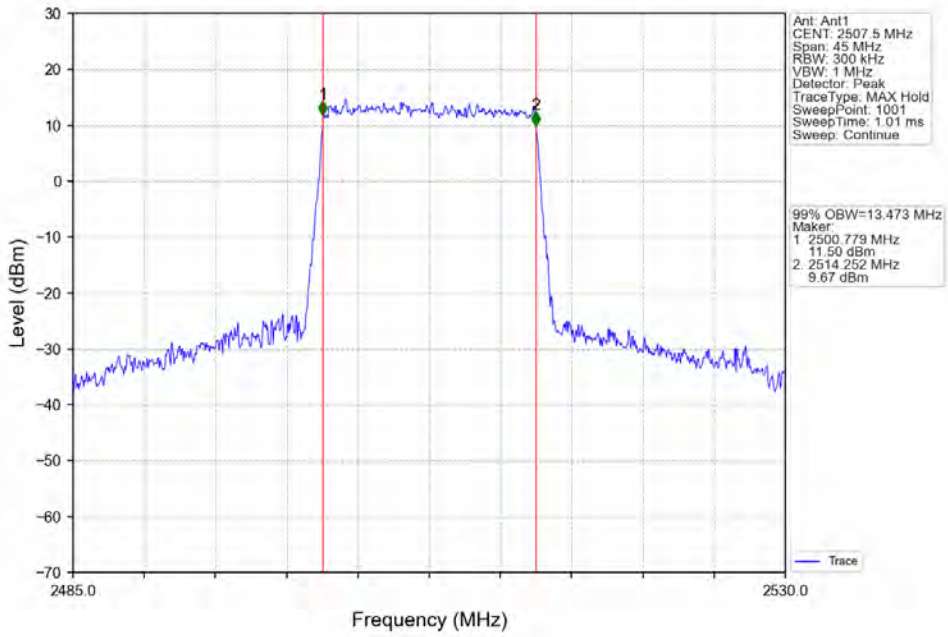
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



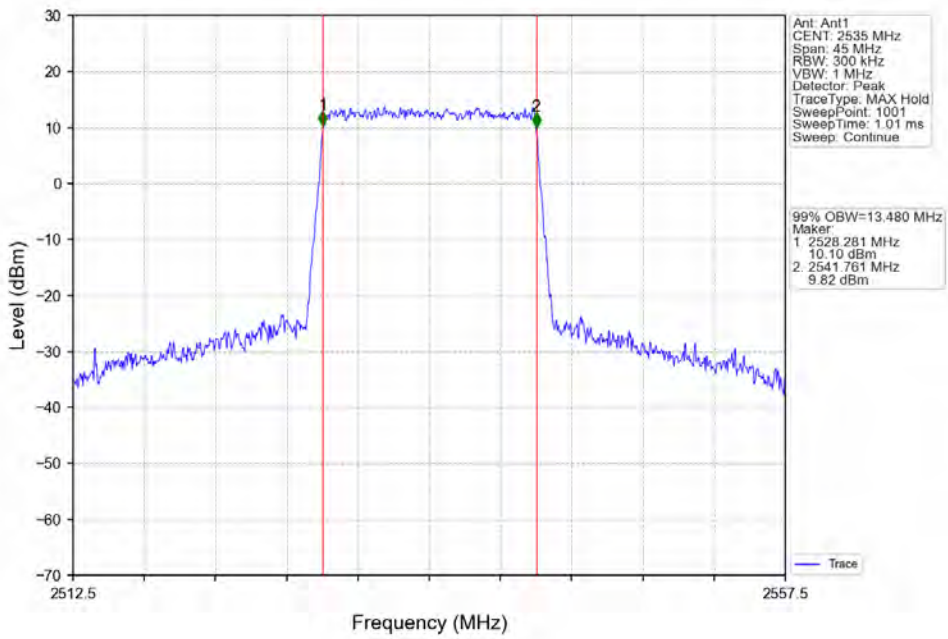
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



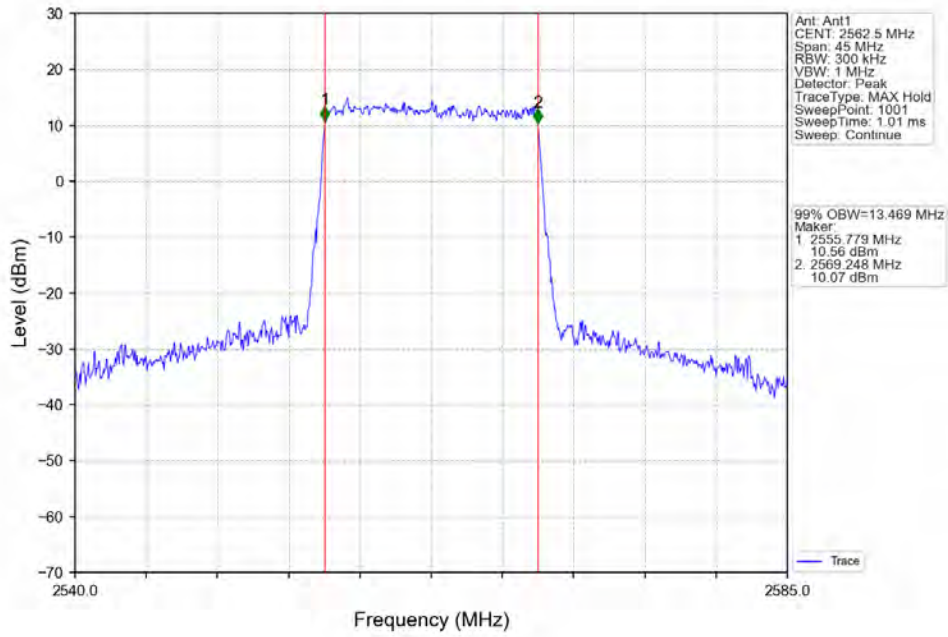
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



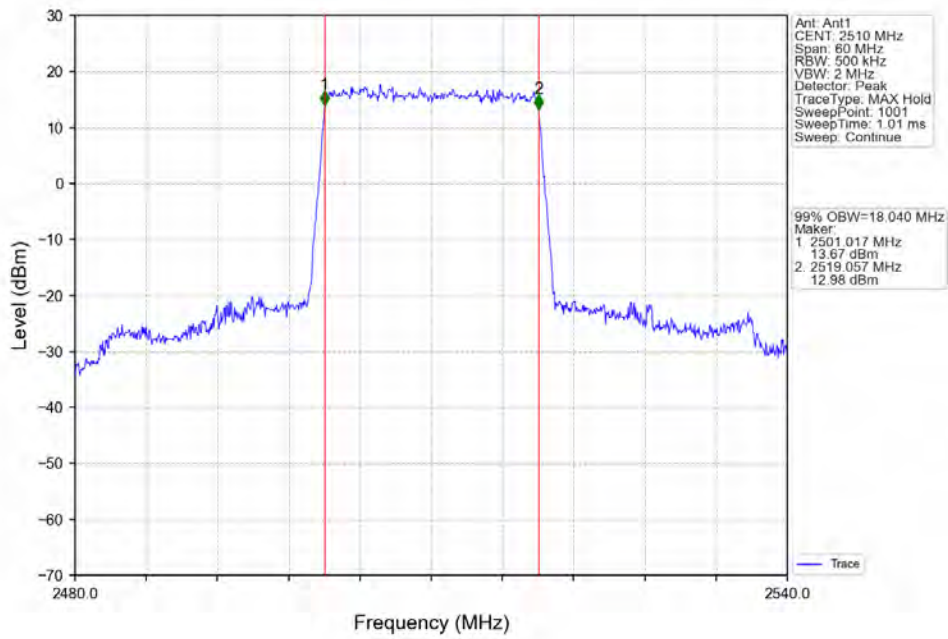
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



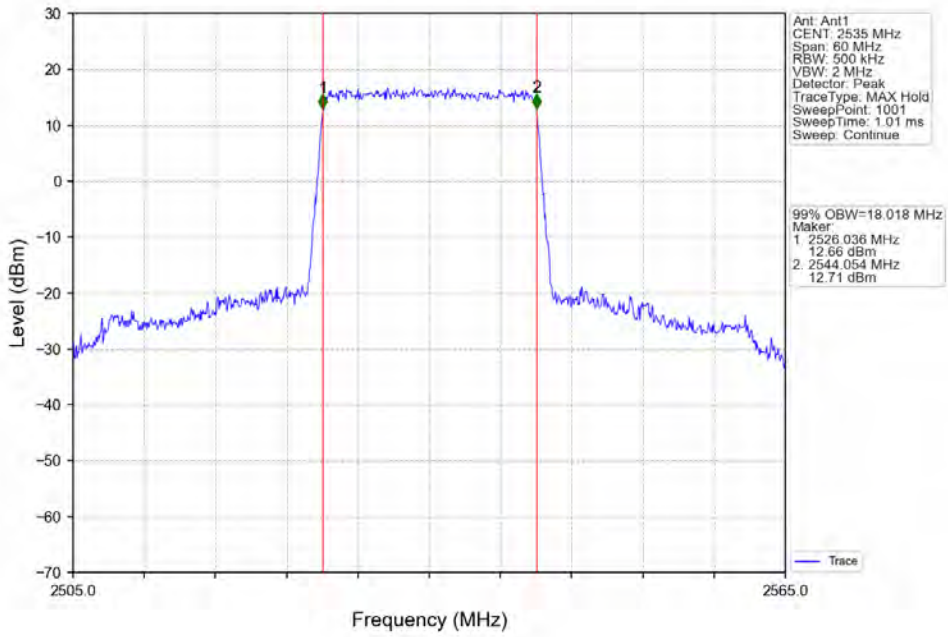
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



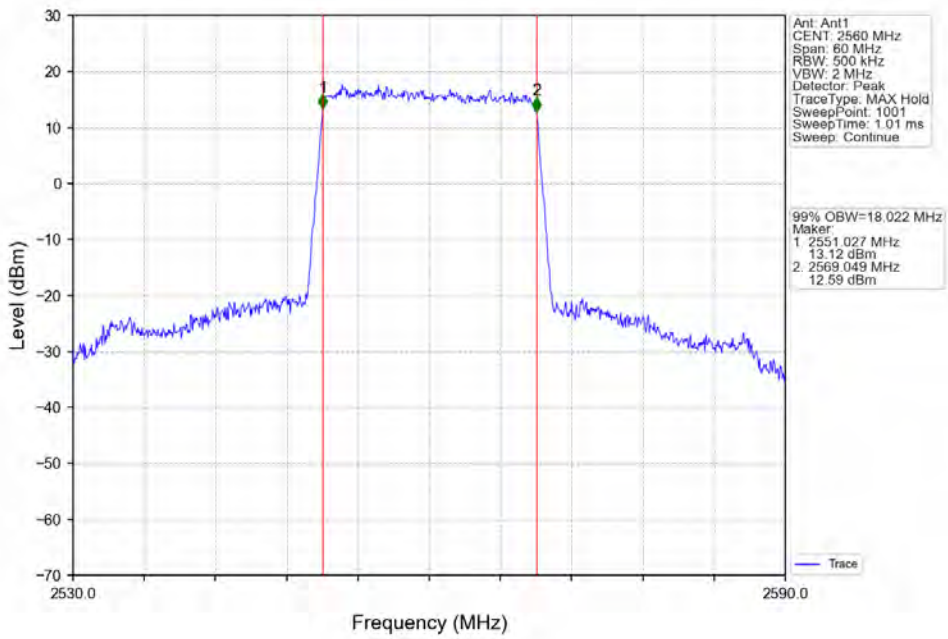
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



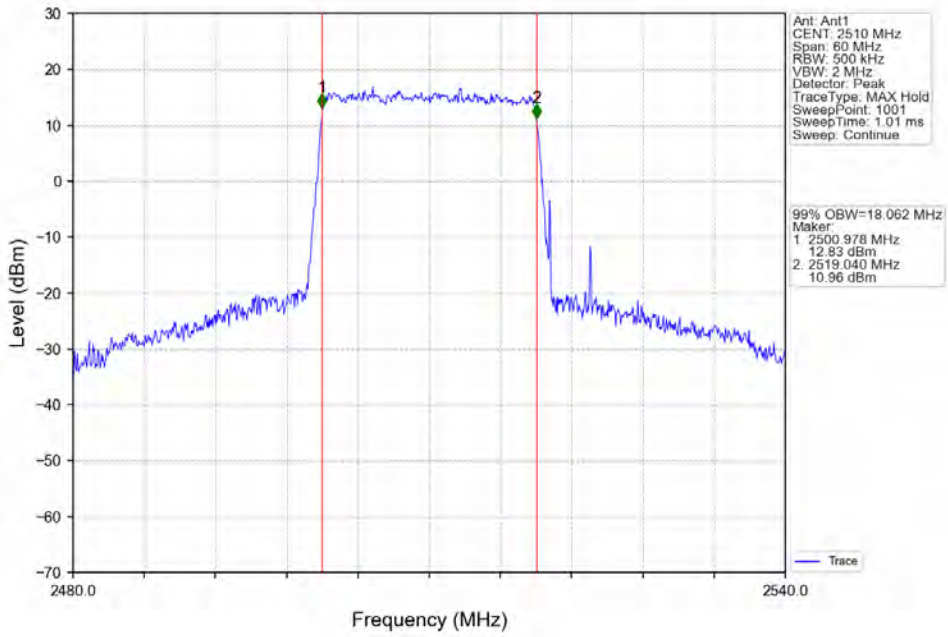
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



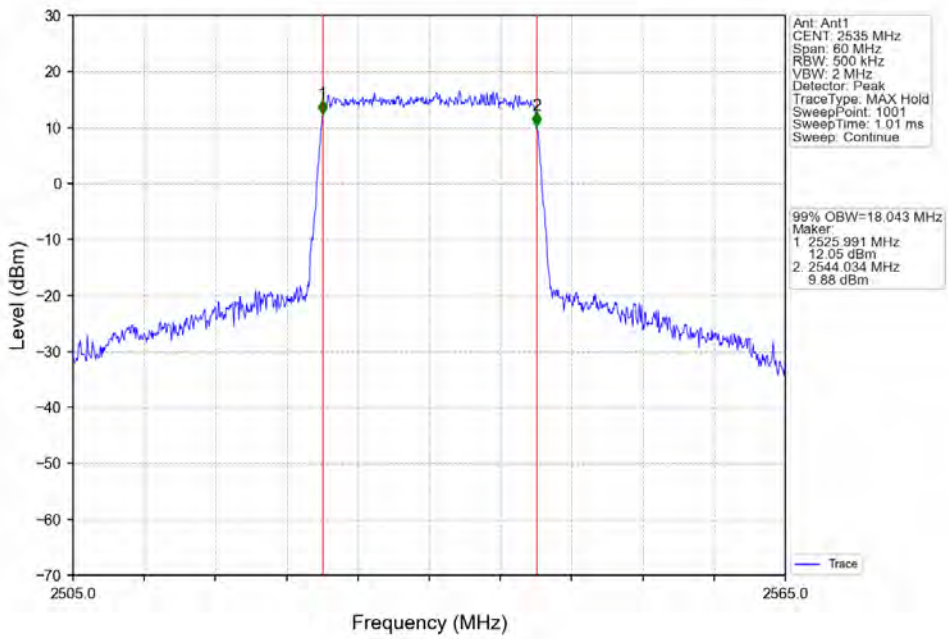
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



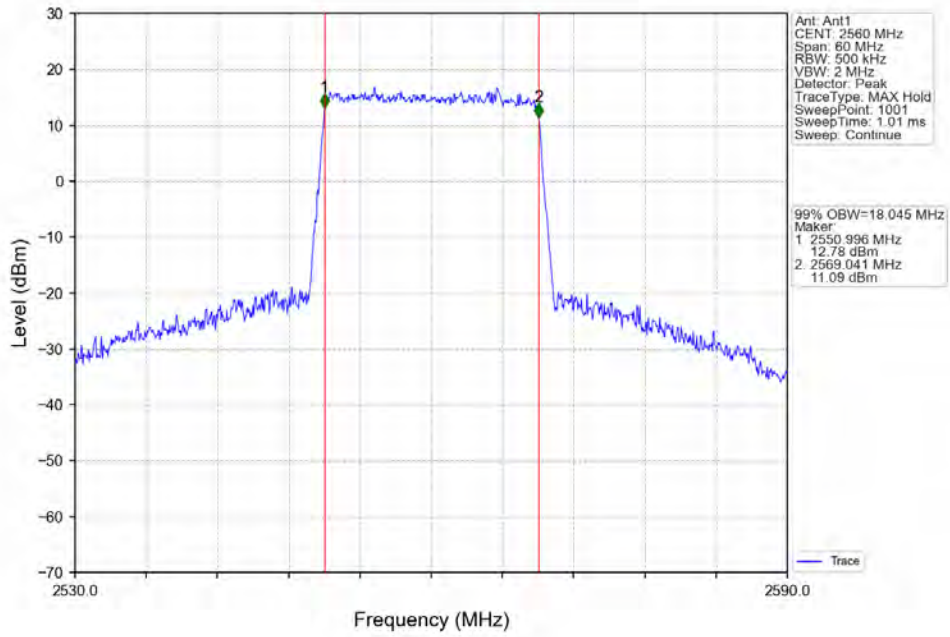
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



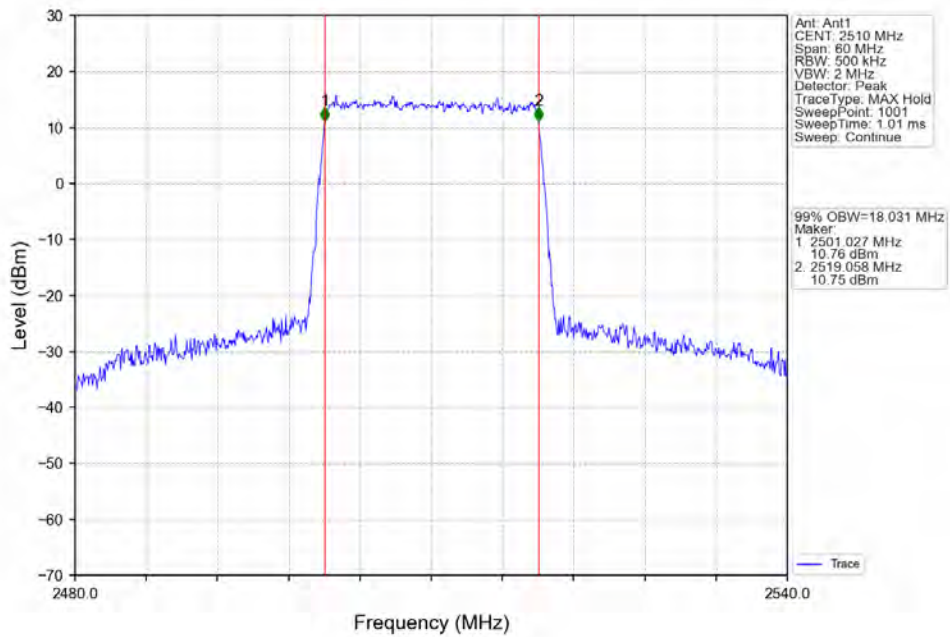
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



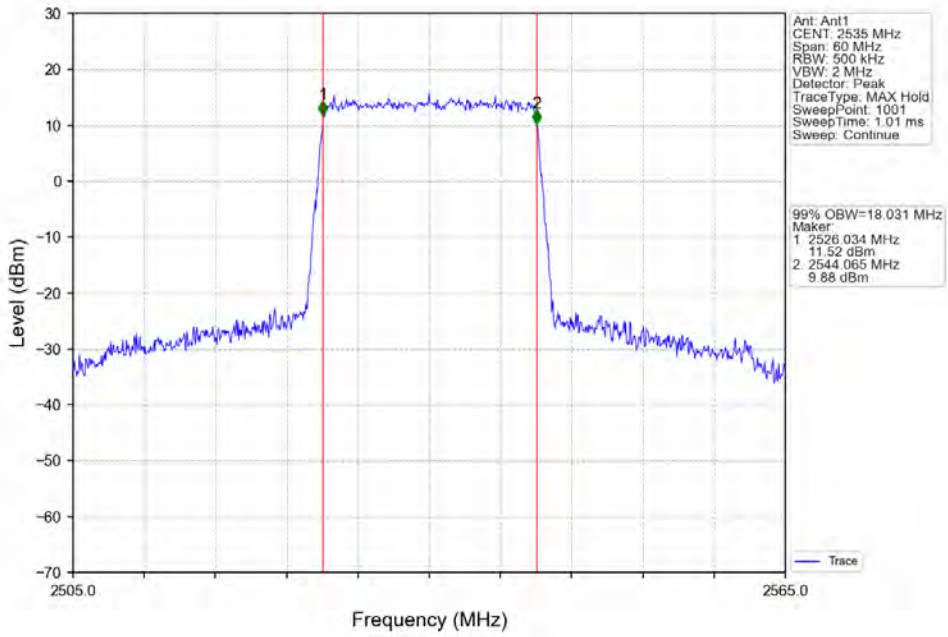
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



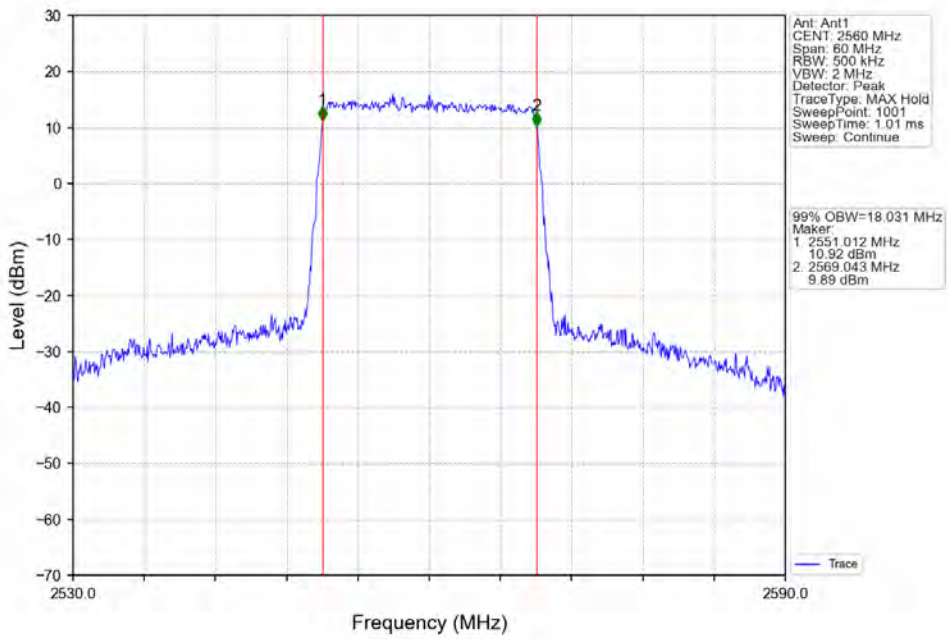
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV

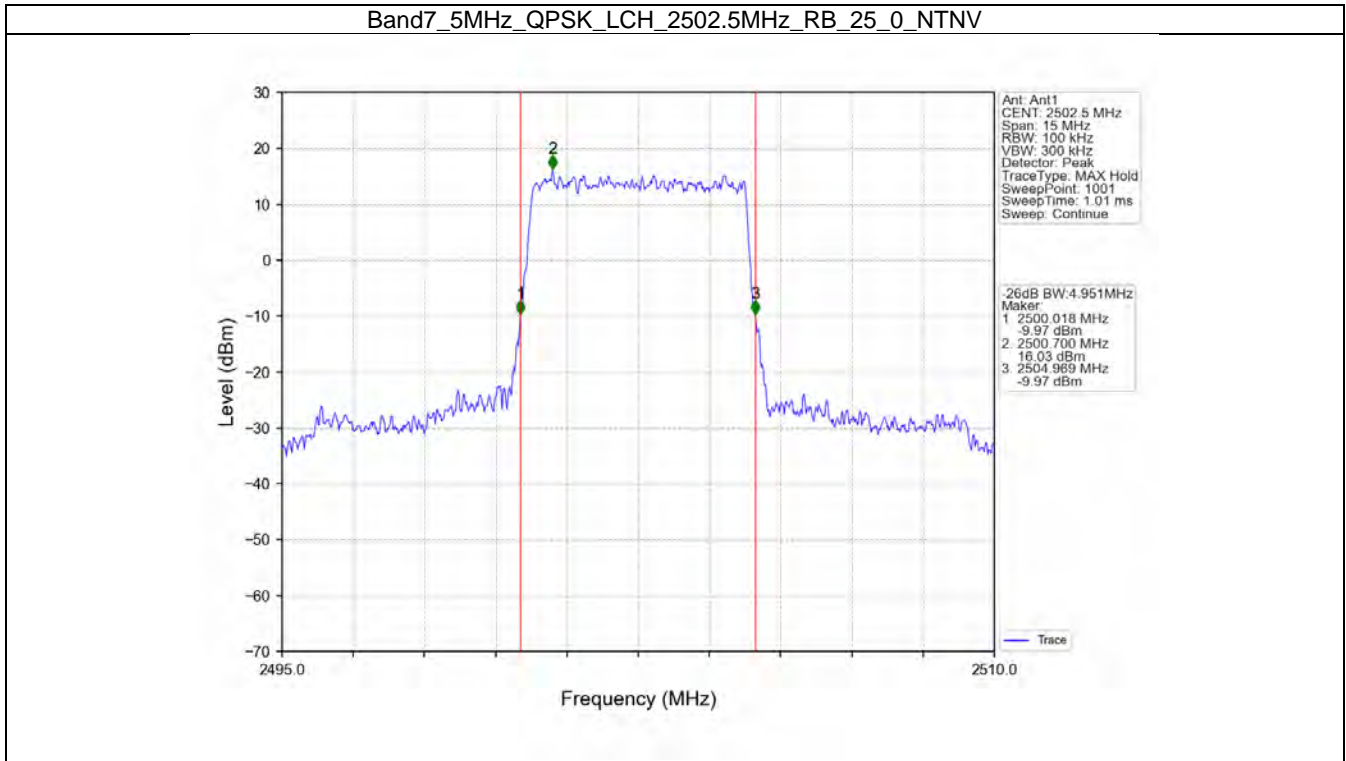


3.2 Band7_XDB

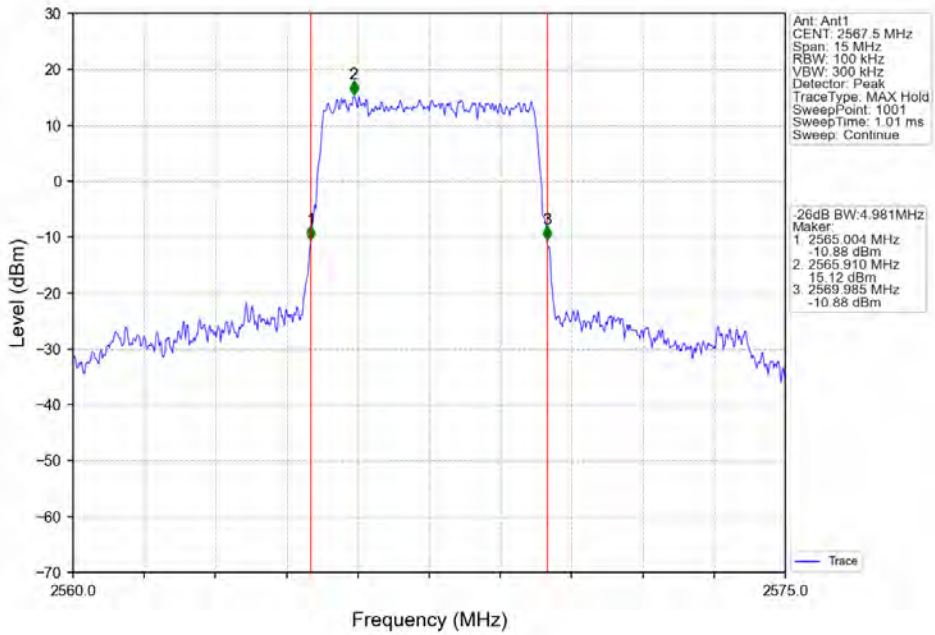
3.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.951	/	Pass
		2535	25	0	4.968	/	Pass
		2567.5	25	0	4.981	/	Pass
	16QAM	2502.5	25	0	4.956	/	Pass
		2535	25	0	4.974	/	Pass
		2567.5	25	0	4.929	/	Pass
	64QAM	2502.5	25	0	4.965	/	Pass
		2535	25	0	4.947	/	Pass
		2567.5	25	0	4.956	/	Pass
10	QPSK	2505	50	0	9.814	/	Pass
		2535	50	0	9.833	/	Pass
		2565	50	0	9.755	/	Pass
	16QAM	2505	50	0	9.786	/	Pass
		2535	50	0	9.691	/	Pass
		2565	50	0	9.765	/	Pass
	64QAM	2505	50	0	9.728	/	Pass
		2535	50	0	9.825	/	Pass
		2565	50	0	9.804	/	Pass
15	QPSK	2507.5	75	0	14.558	/	Pass
		2535	75	0	14.718	/	Pass
		2562.5	75	0	14.754	/	Pass
	16QAM	2507.5	75	0	14.736	/	Pass
		2535	75	0	14.773	/	Pass
		2562.5	75	0	14.703	/	Pass
	64QAM	2507.5	75	0	14.779	/	Pass
		2535	75	0	14.805	/	Pass
		2562.5	75	0	14.761	/	Pass
20	QPSK	2510	100	0	19.695	/	Pass
		2535	100	0	19.669	/	Pass
		2560	100	0	19.675	/	Pass
	16QAM	2510	100	0	20.103	/	Pass
		2535	100	0	19.653	/	Pass
		2560	100	0	19.755	/	Pass
	64QAM	2510	100	0	19.581	/	Pass
		2535	100	0	19.771	/	Pass
		2560	100	0	19.663	/	Pass

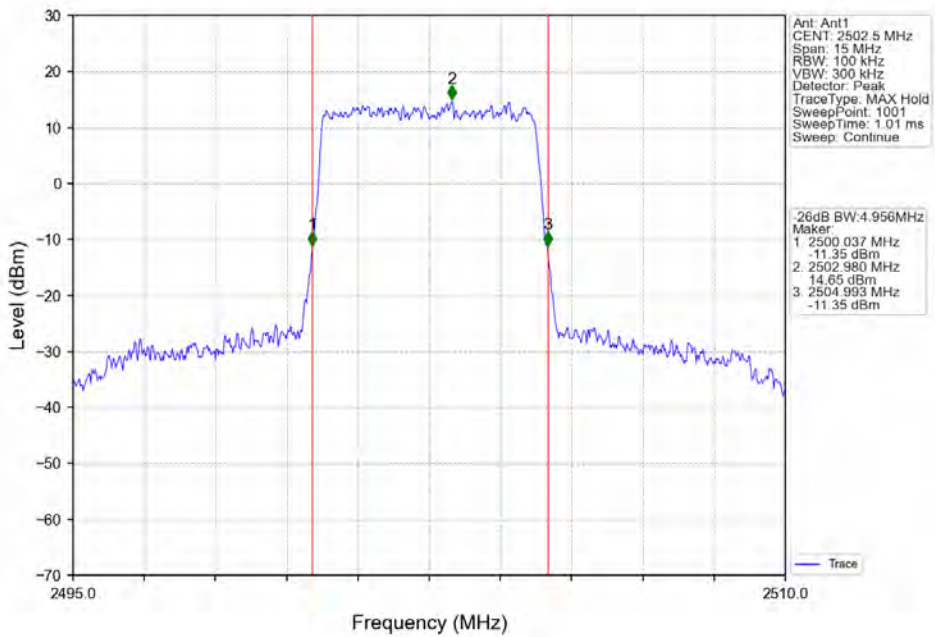
3.2.2 Test Graph



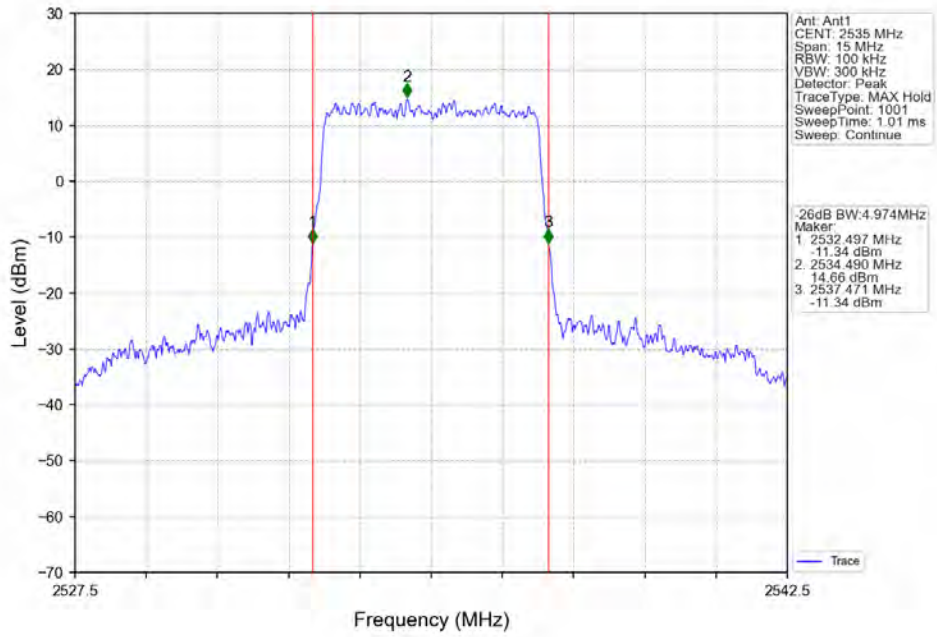
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



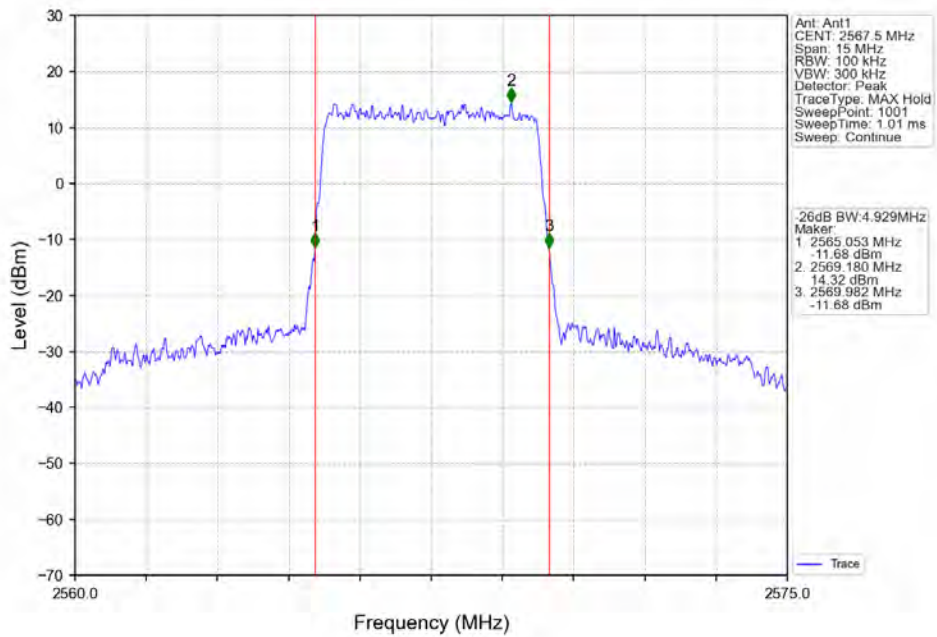
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



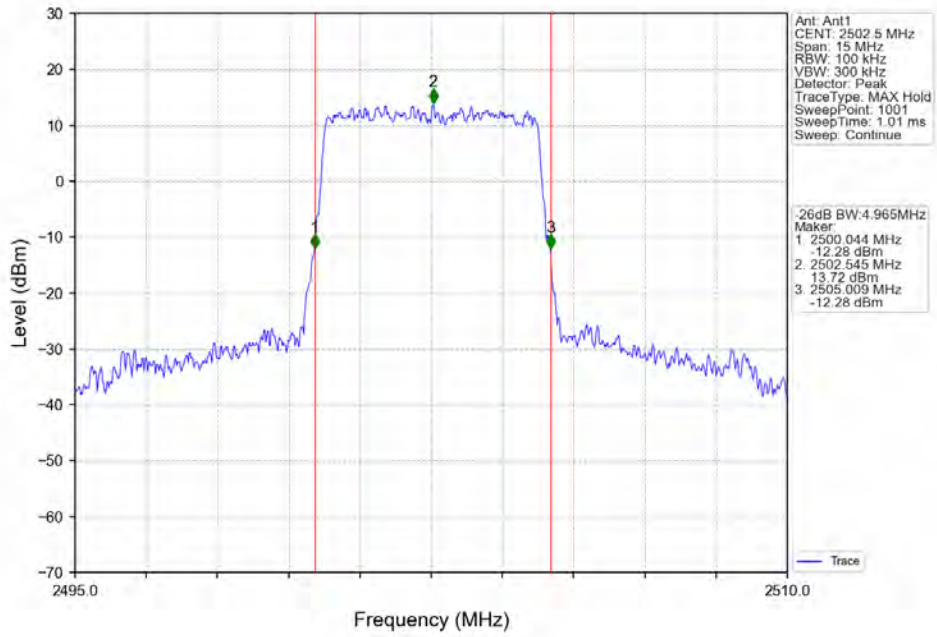
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



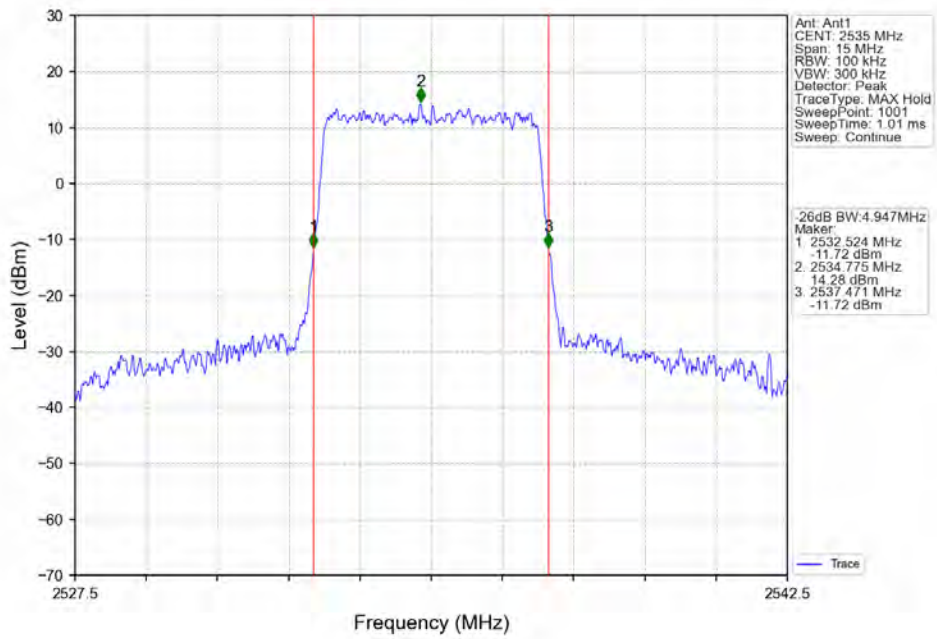
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



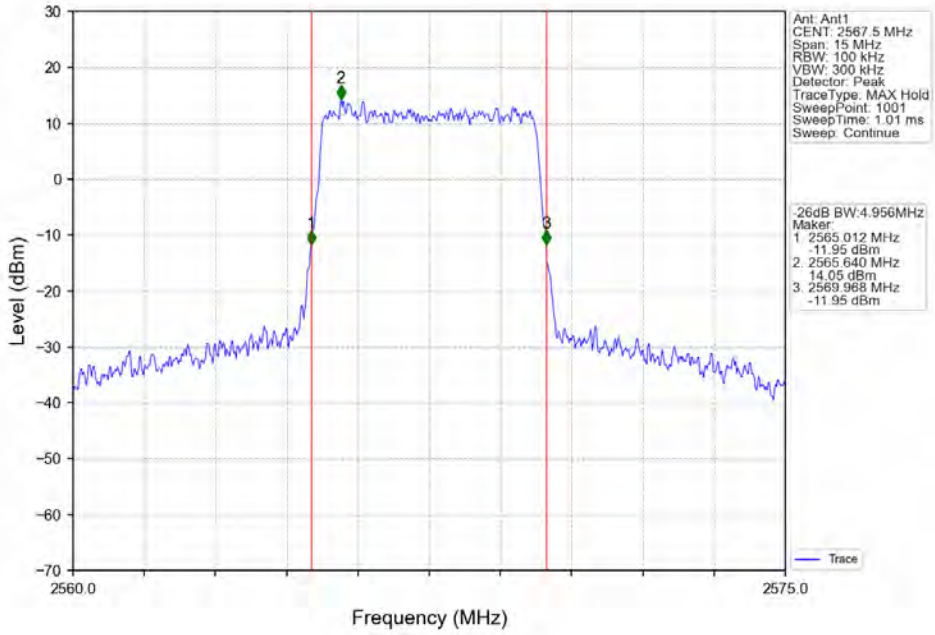
Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



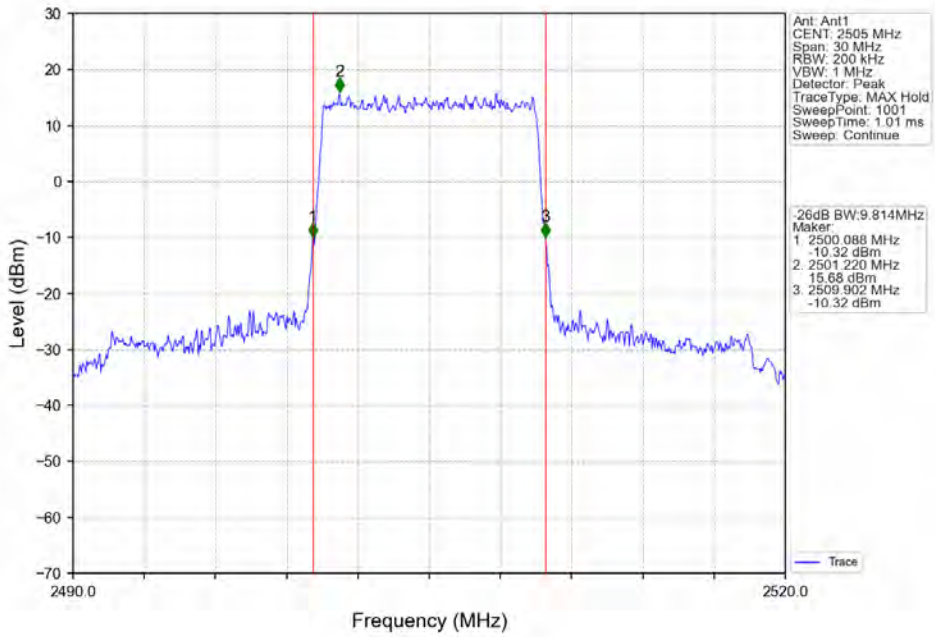
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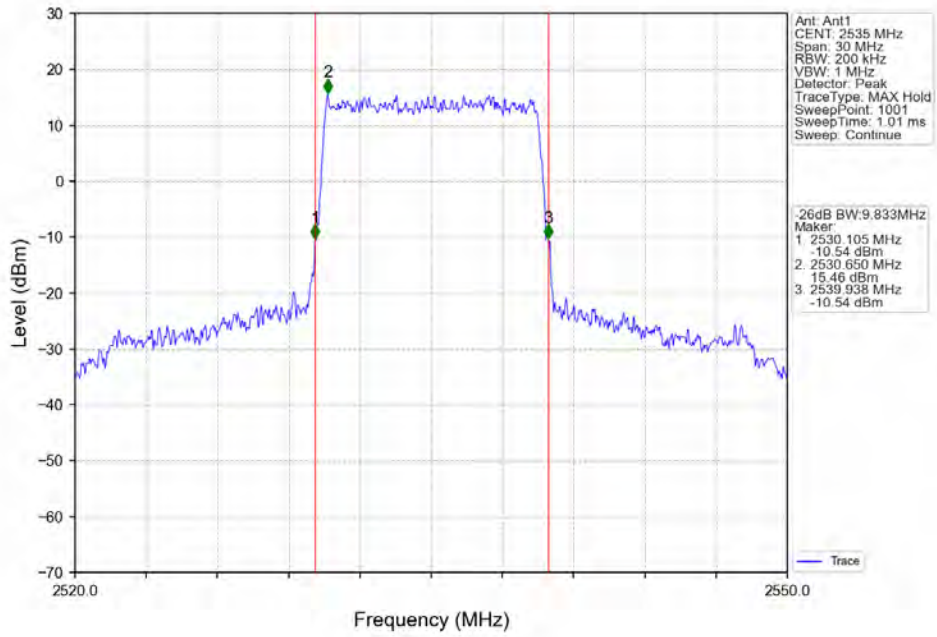
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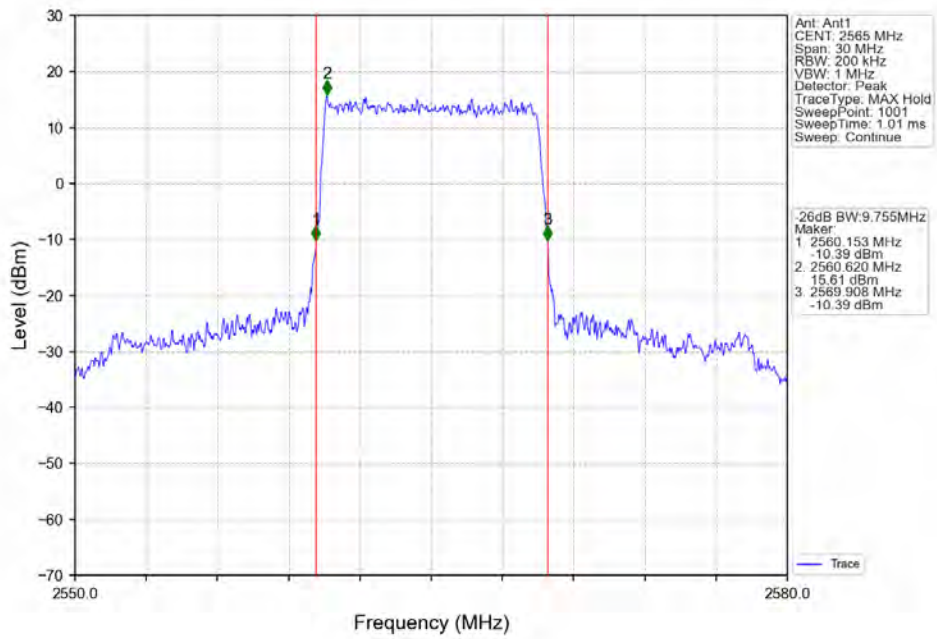
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



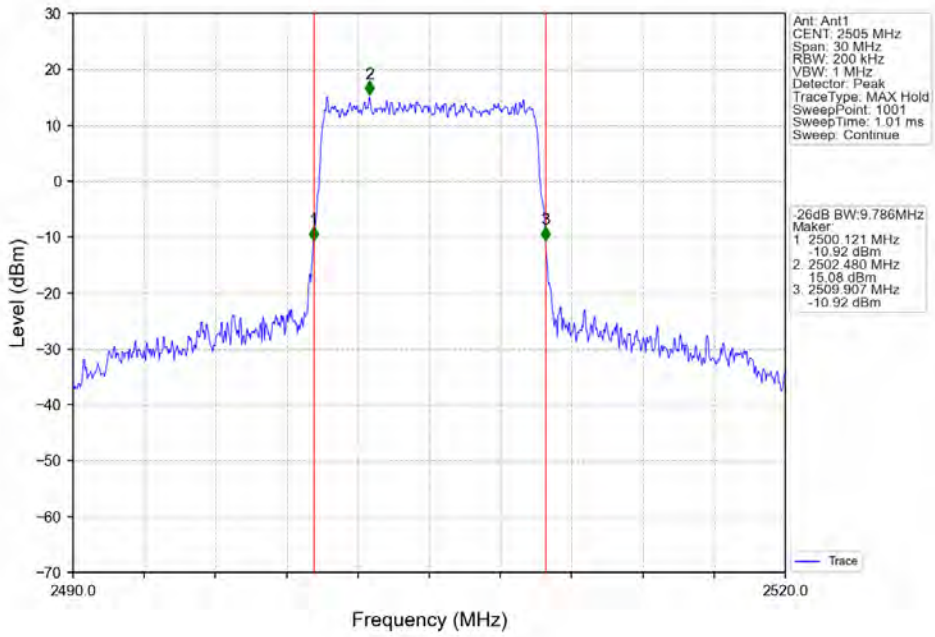
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



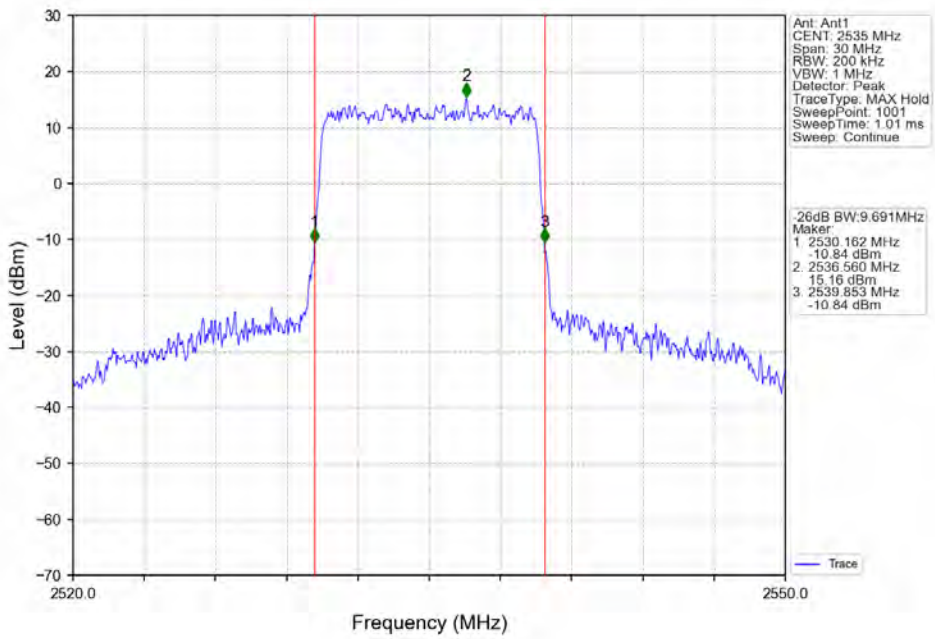
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



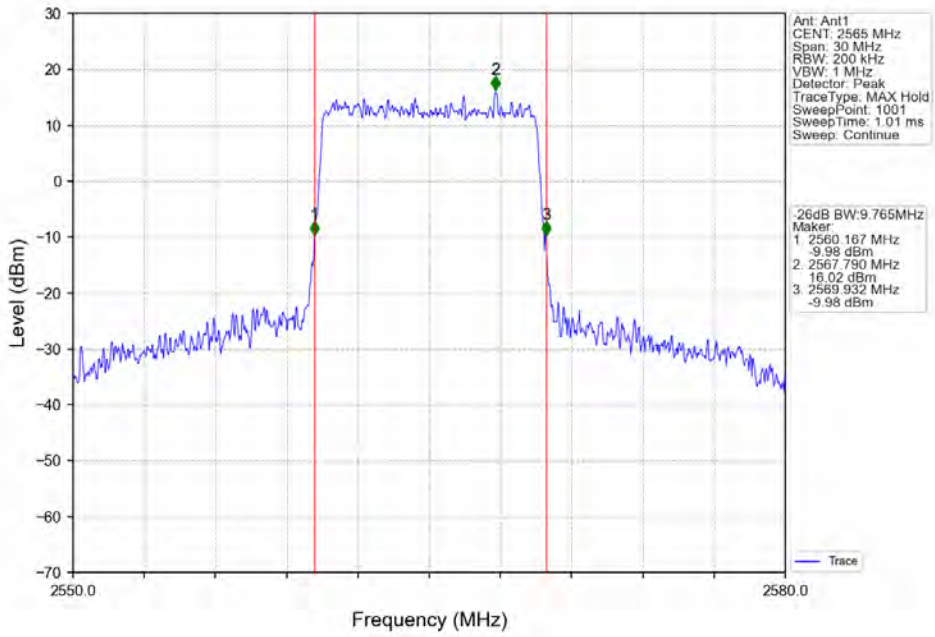
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



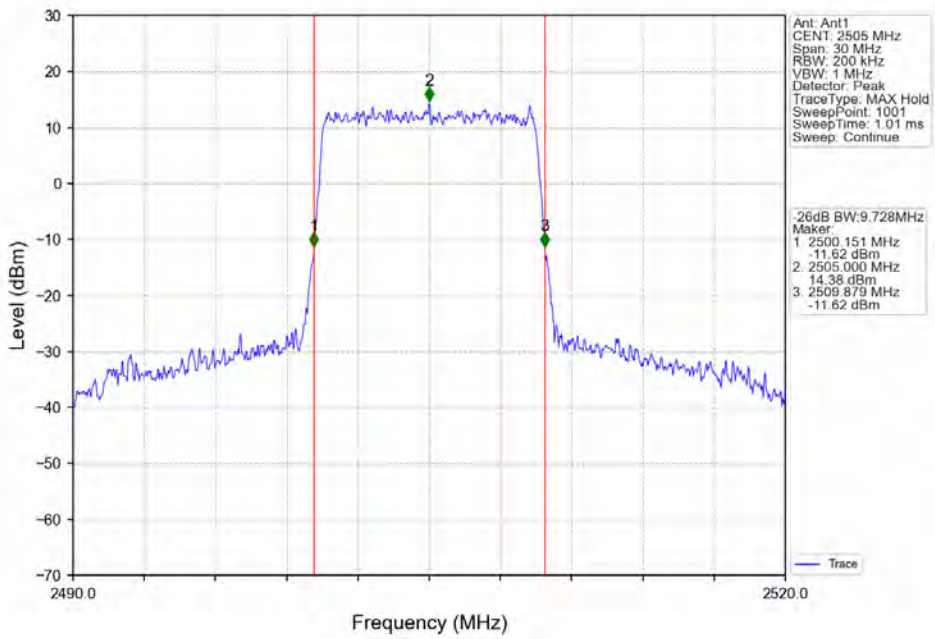
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



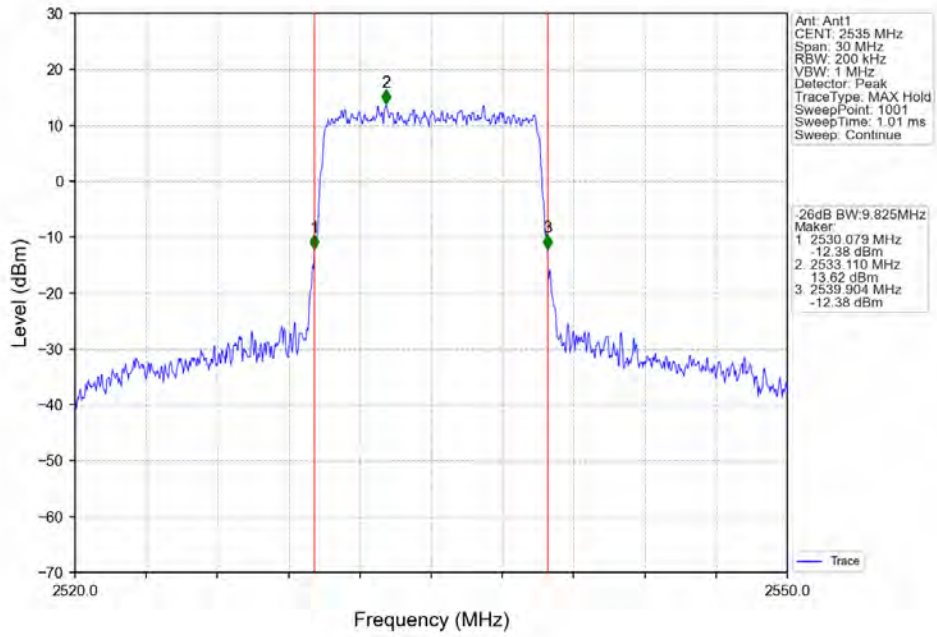
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



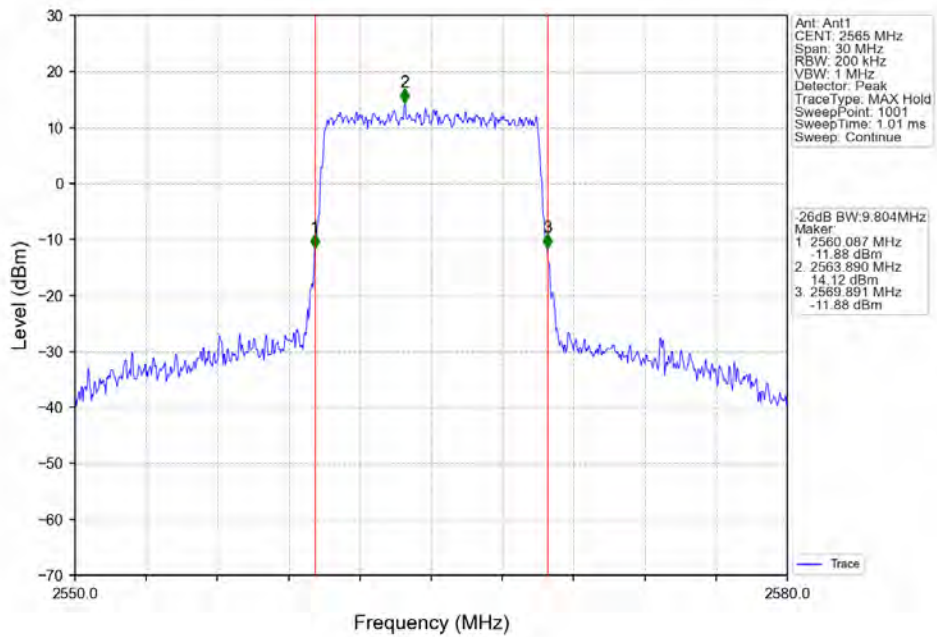
Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



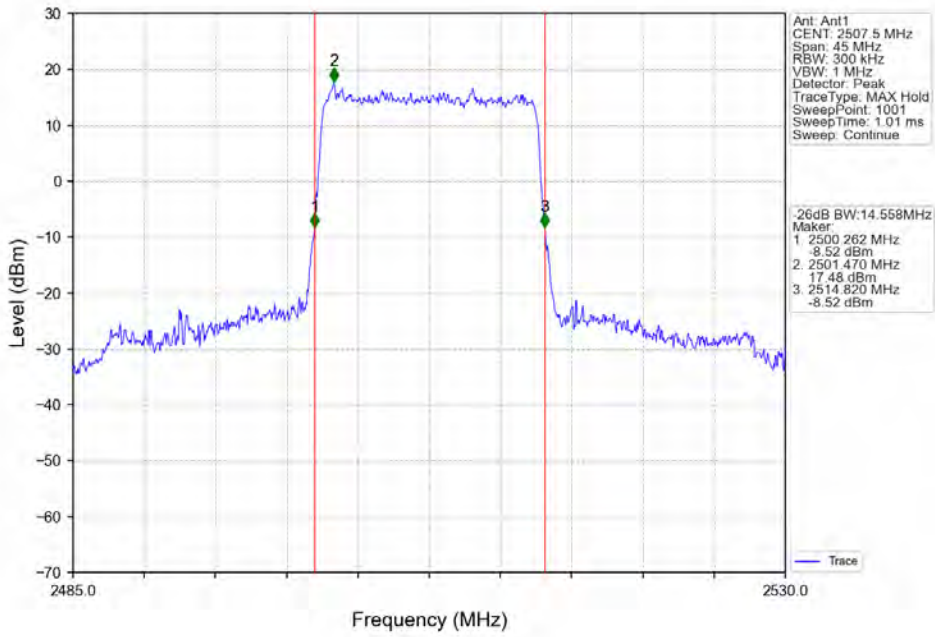
Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



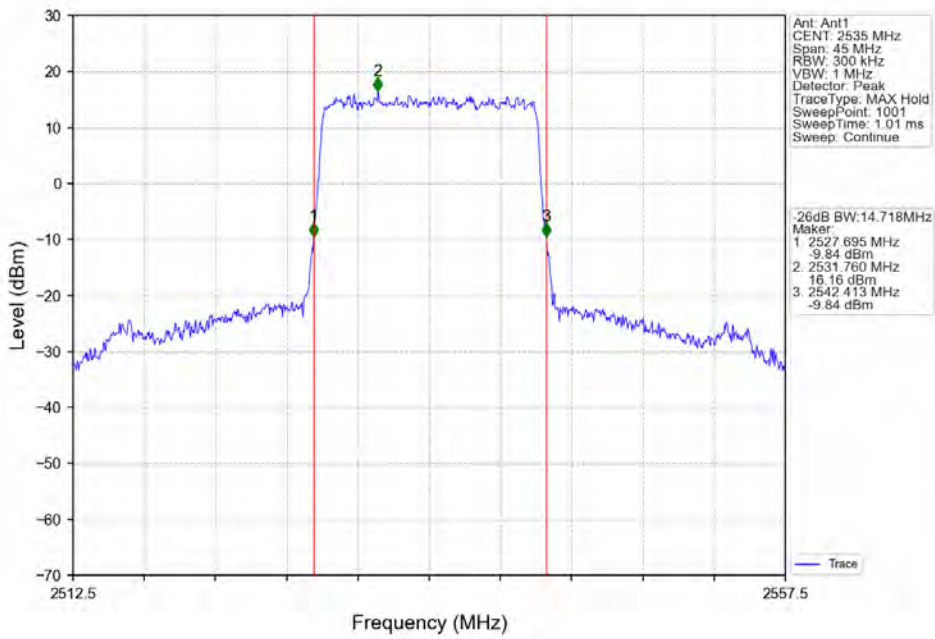
Band7_10MHz_64QAM_HCH_2565MHz_RB_50_0_NTNV



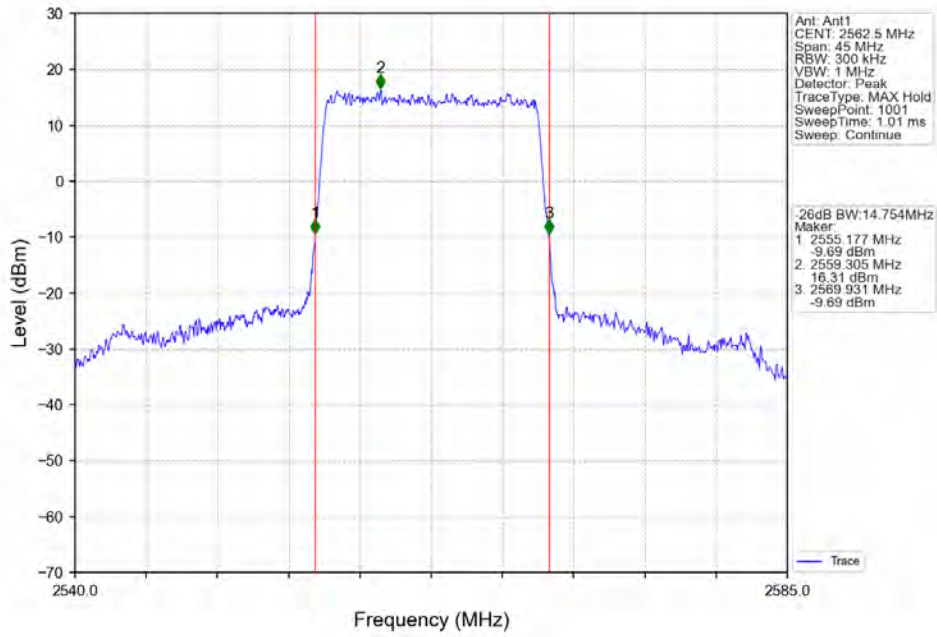
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



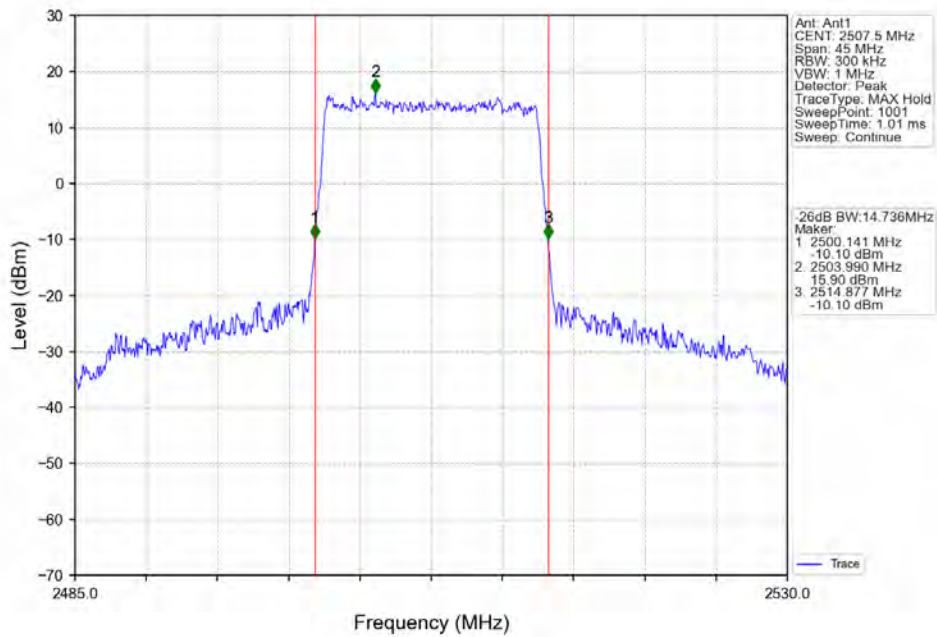
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



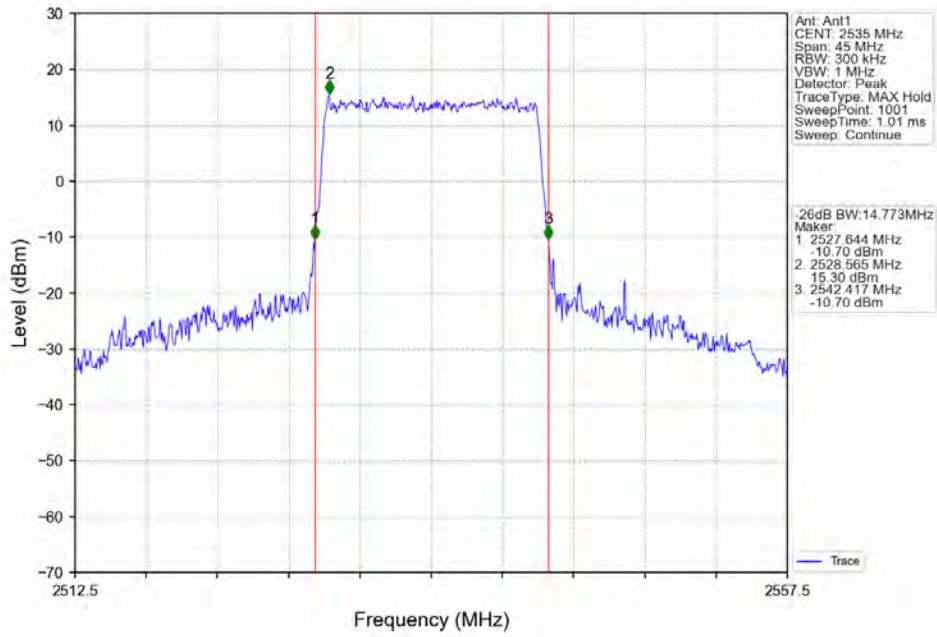
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



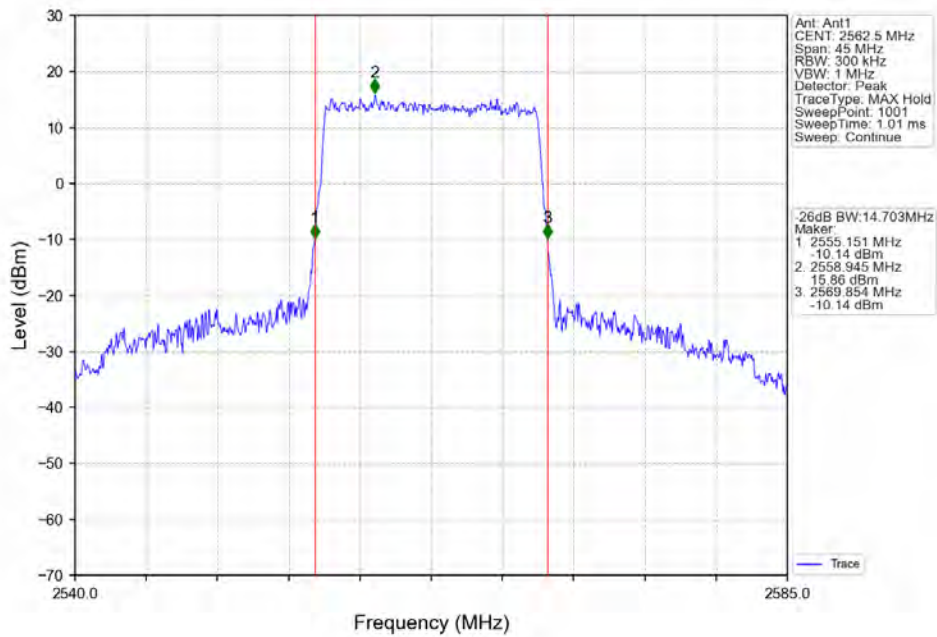
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



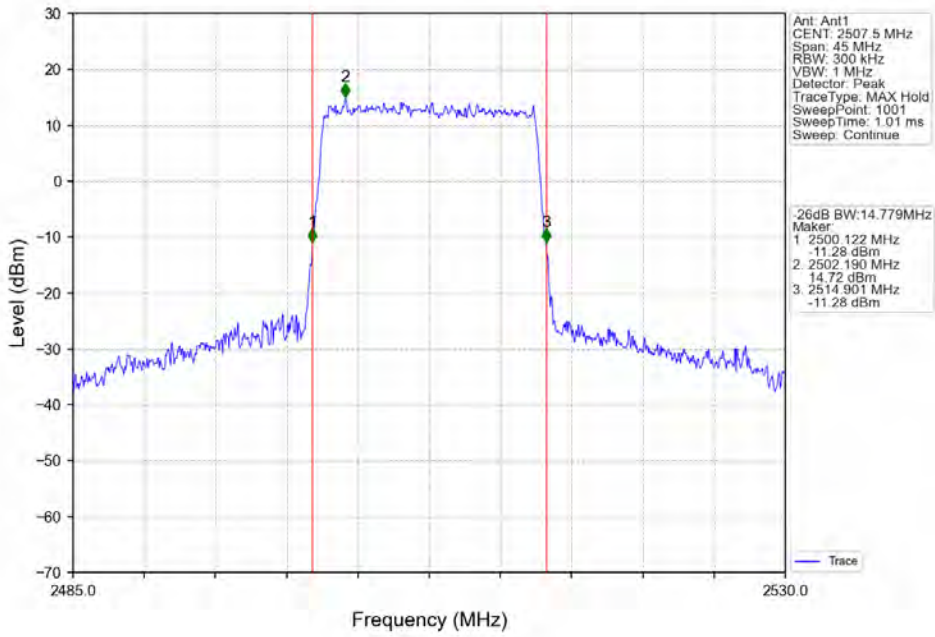
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



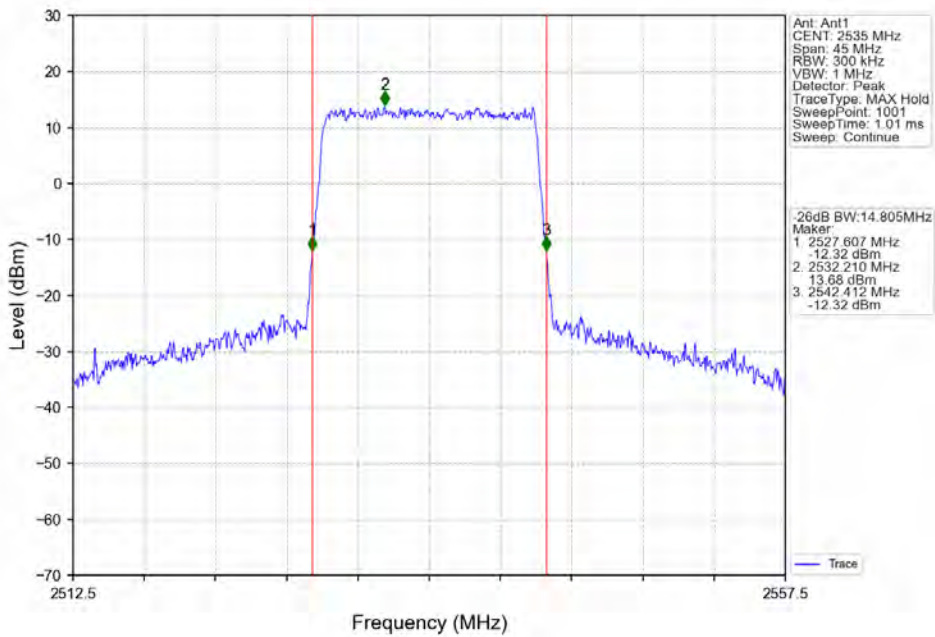
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



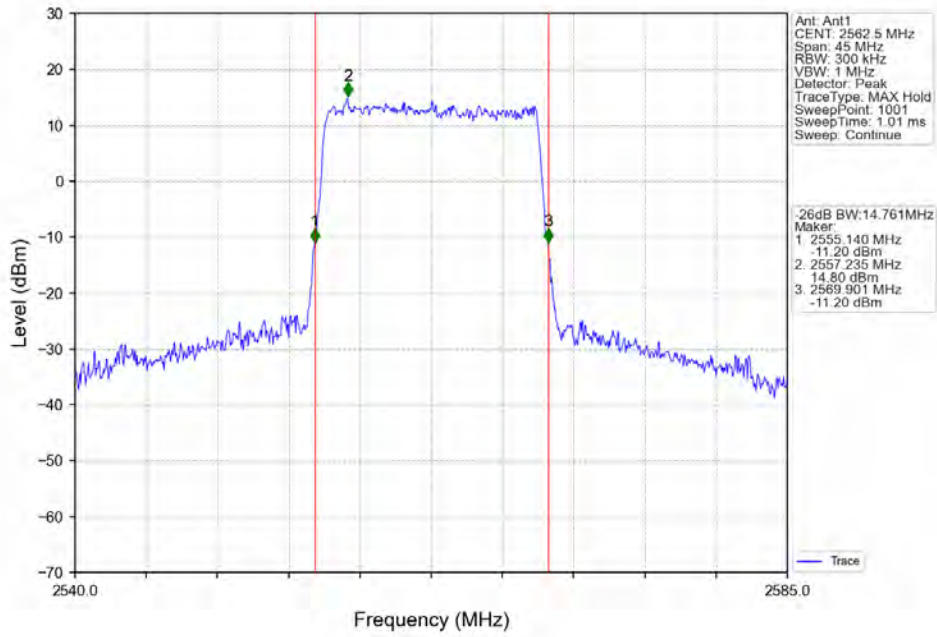
Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



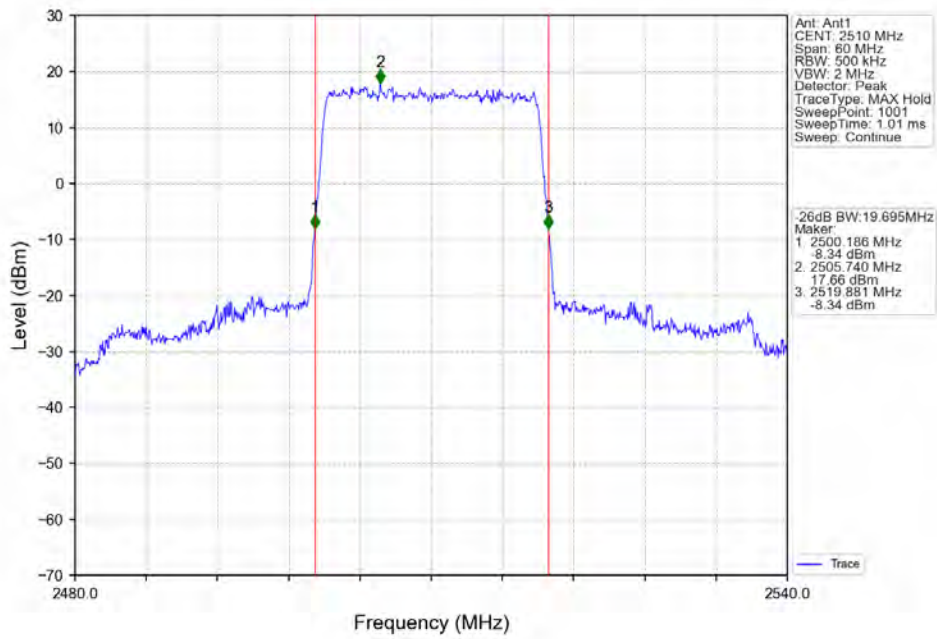
Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



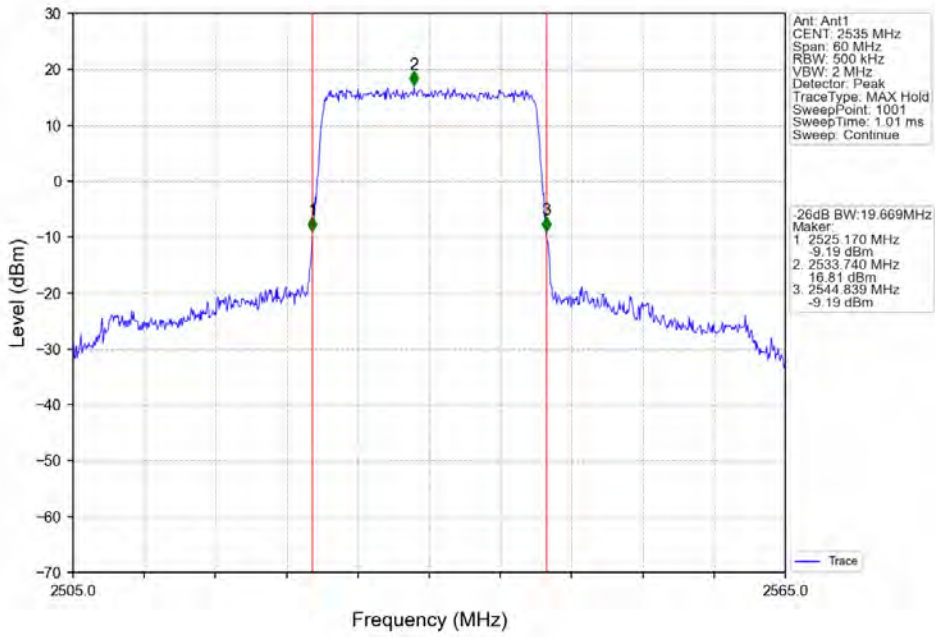
Band7_15MHz_64QAM_HCH_2562.5MHz_RB_75_0_NTNV



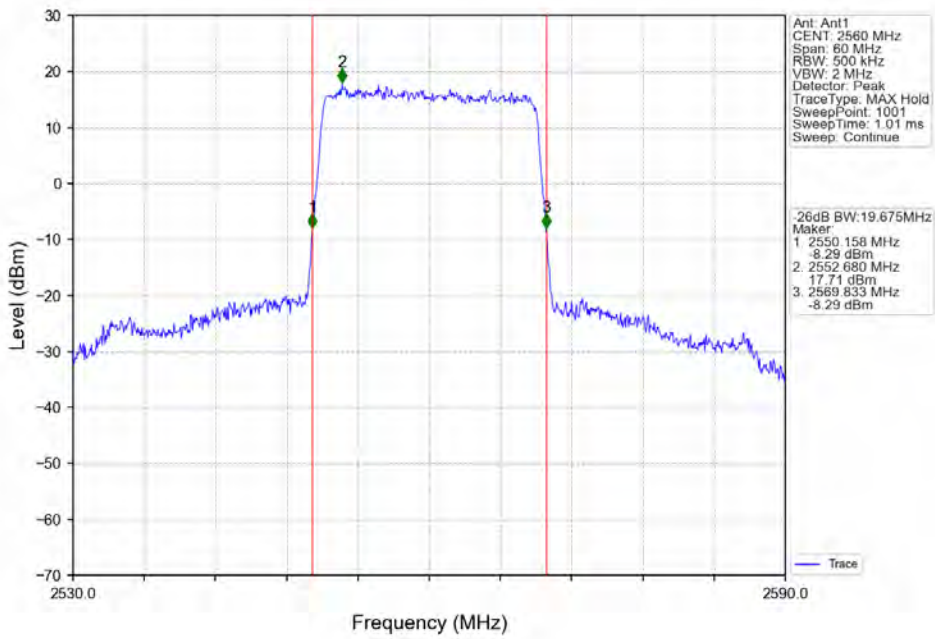
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



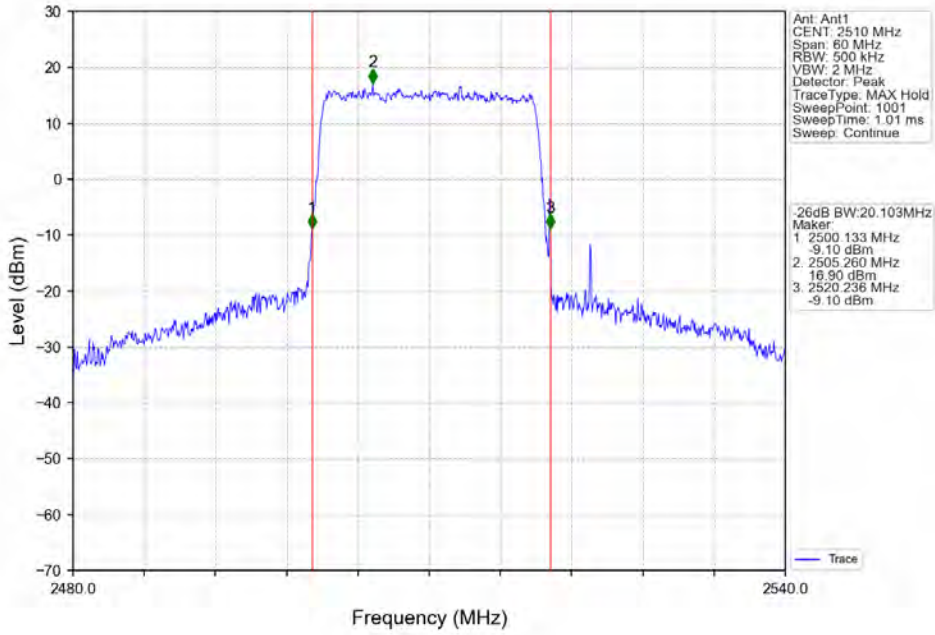
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



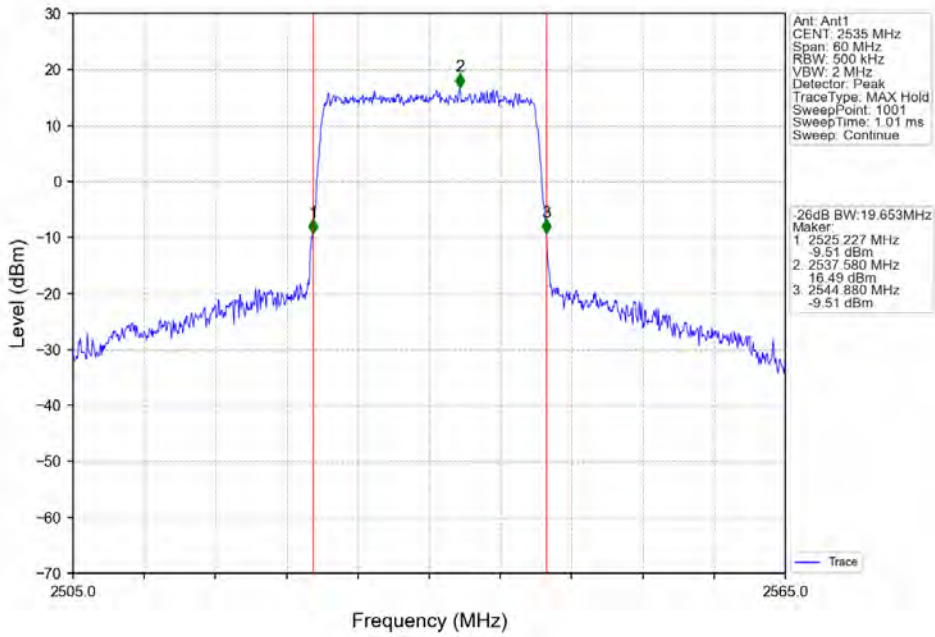
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



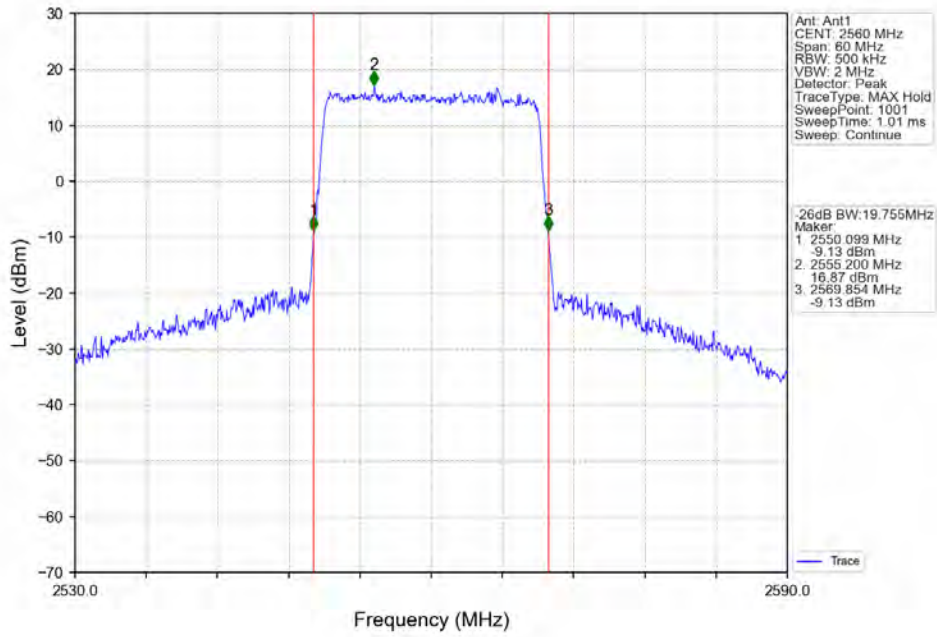
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



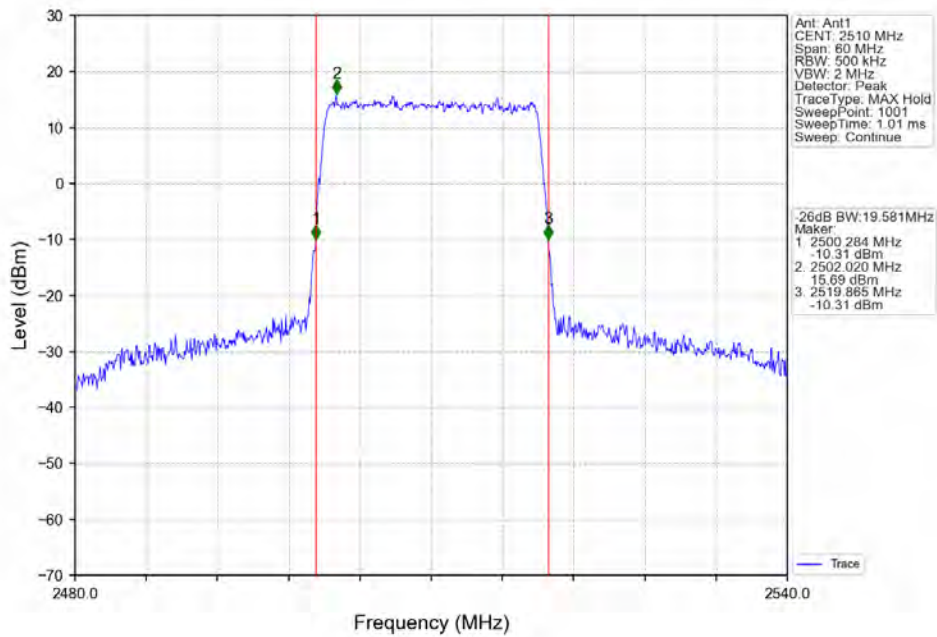
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



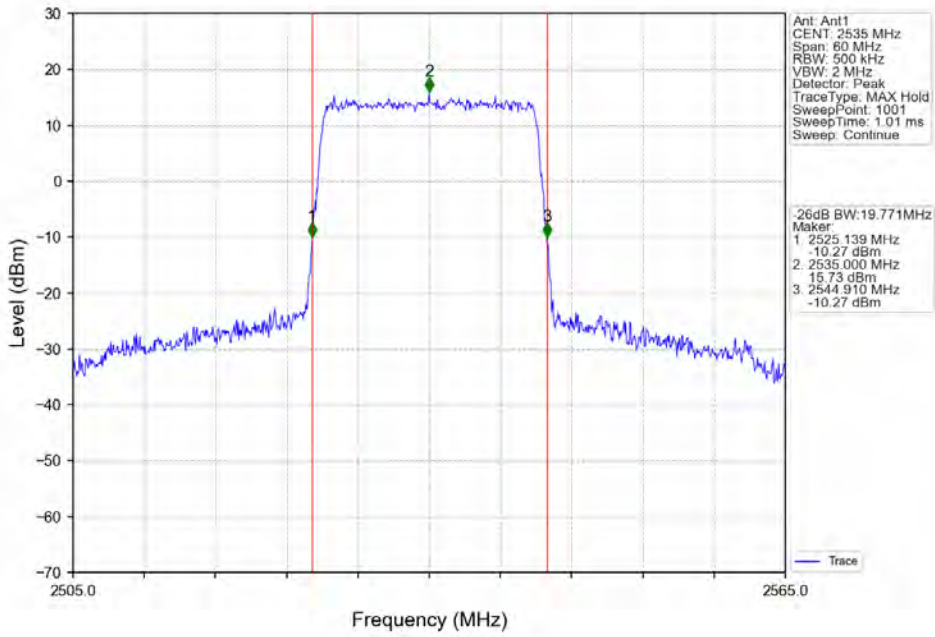
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



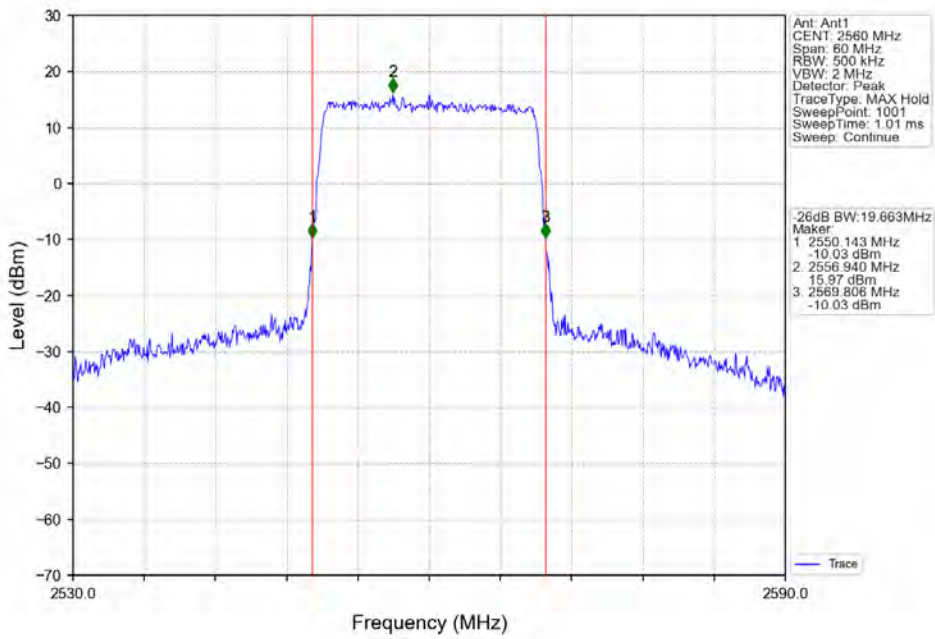
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



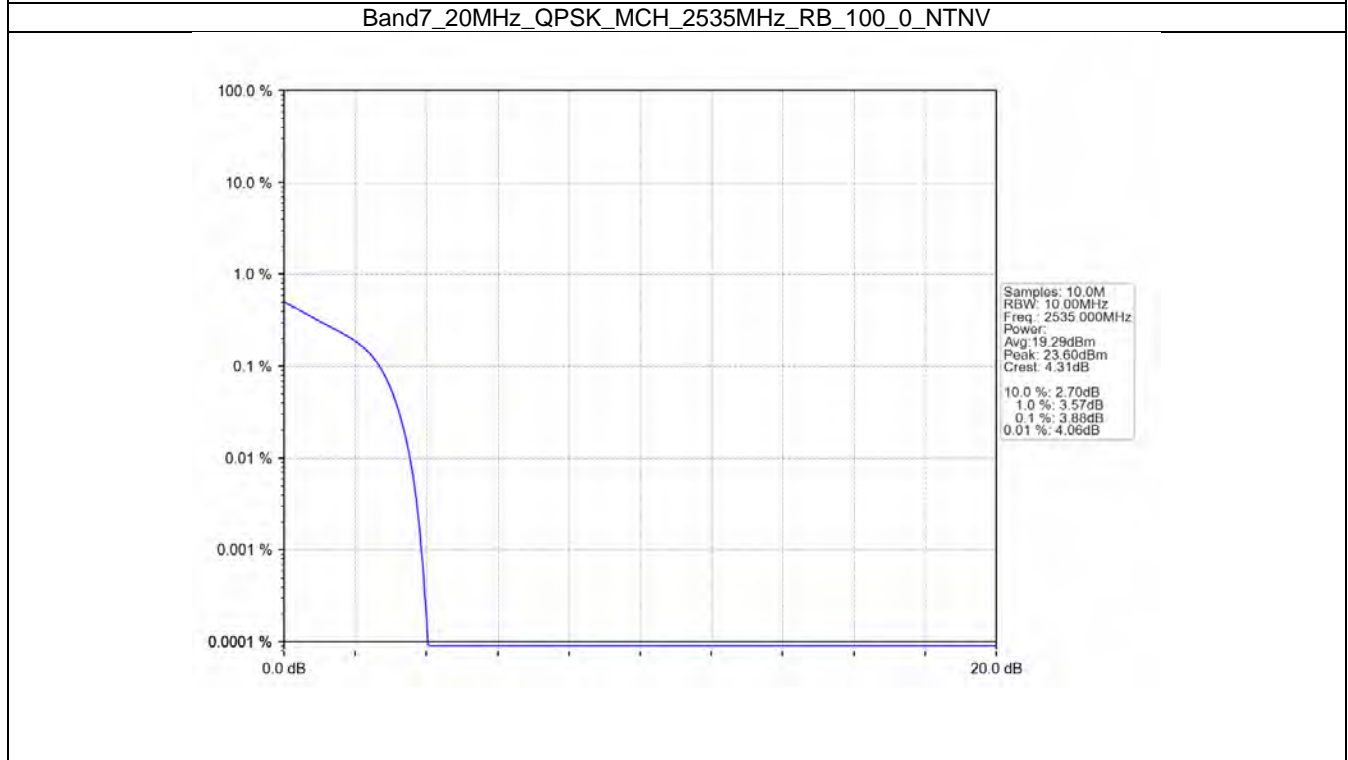
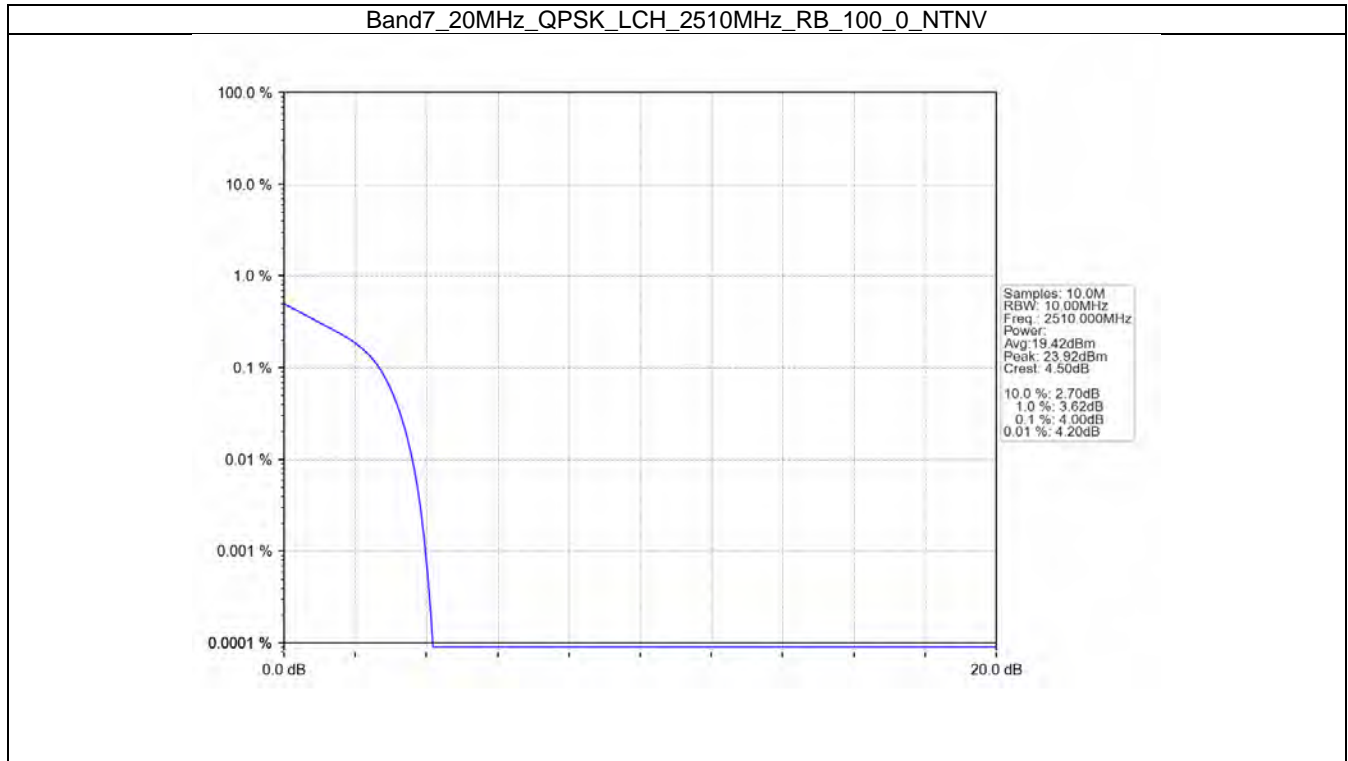
4. Peak-Average Ratio

4.1 B7_20MHz

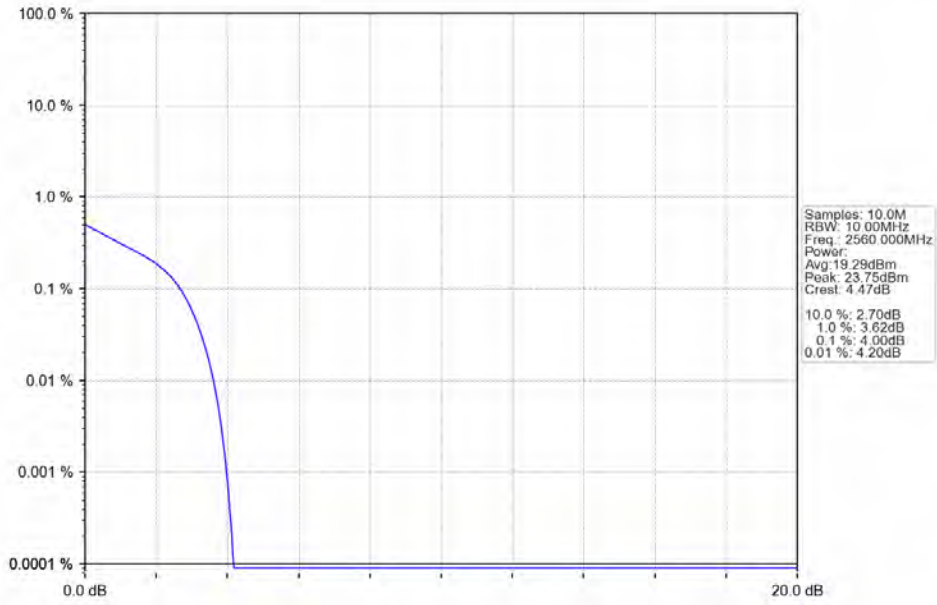
4.1.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	4.00	<=13	Pass
	2535	100	0	3.88	<=13	Pass
	2560	100	0	4.00	<=13	Pass
16QAM	2510	100	0	5.77	<=13	Pass
	2535	100	0	5.65	<=13	Pass
	2560	100	0	5.77	<=13	Pass
64QAM	2510	100	0	6.23	<=13	Pass
	2535	100	0	6.14	<=13	Pass
	2560	100	0	6.23	<=13	Pass

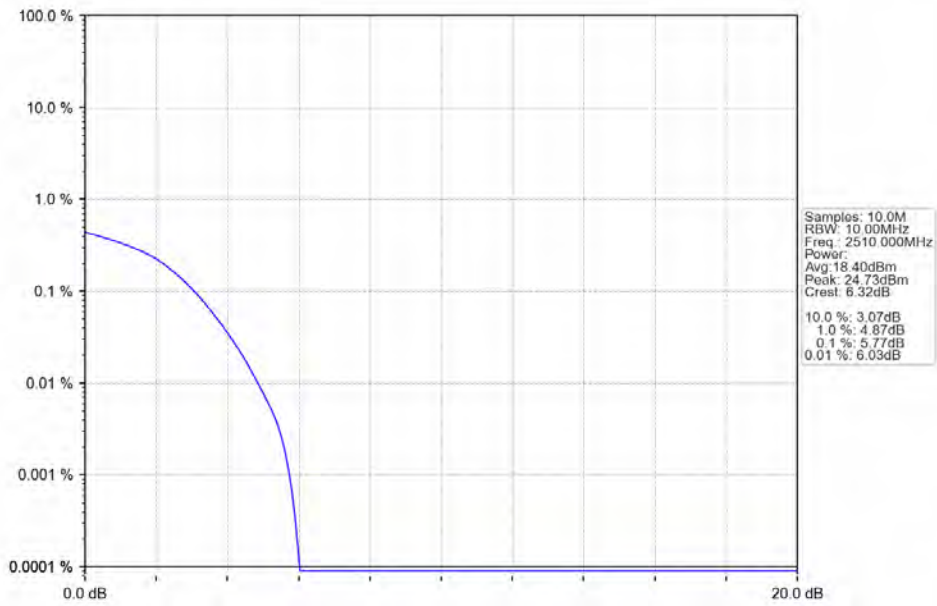
4.1.2 Test Graph



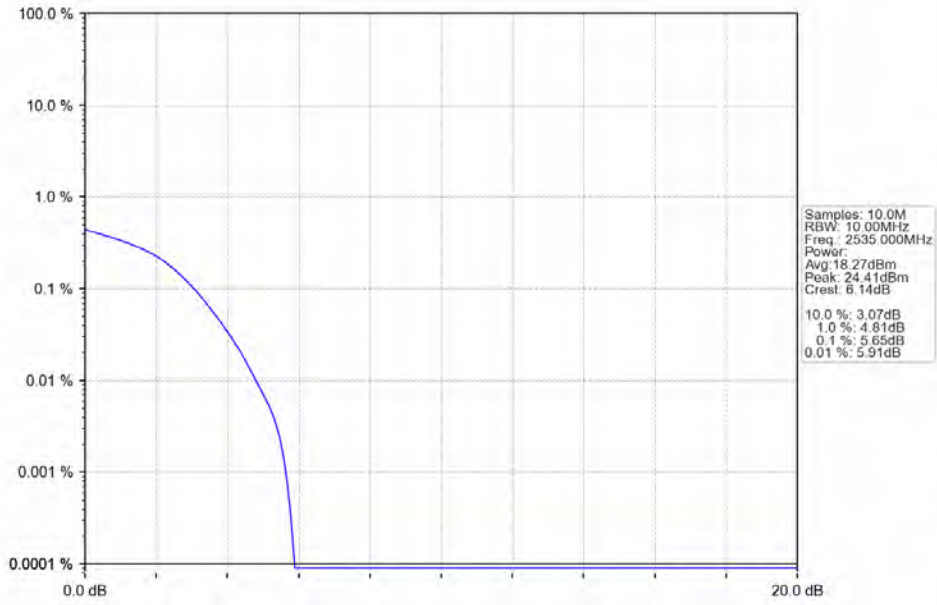
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



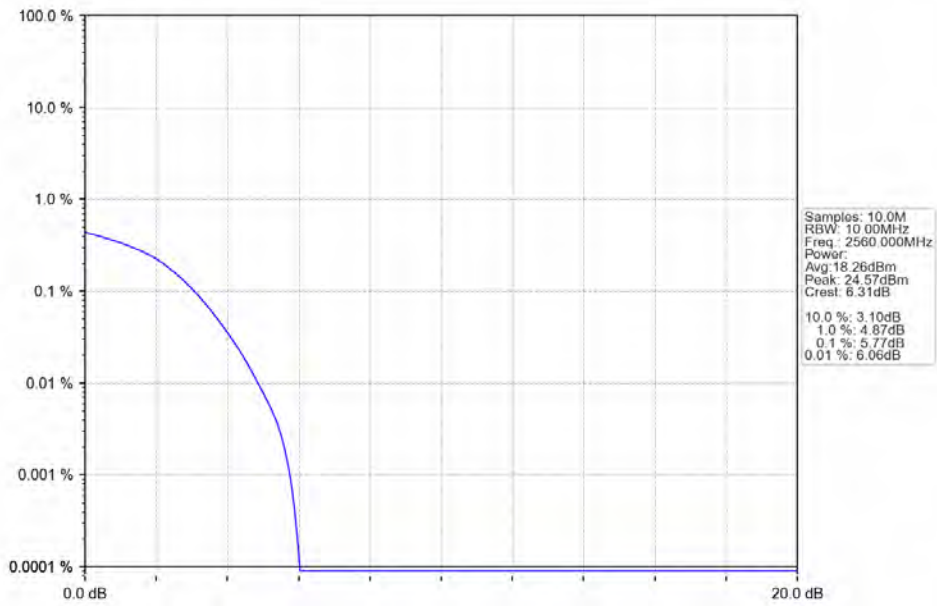
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



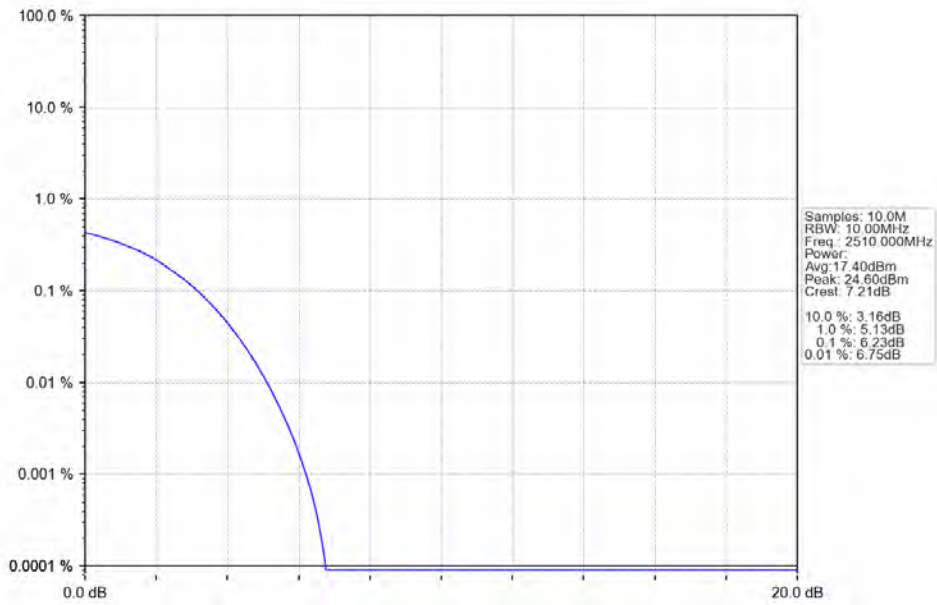
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



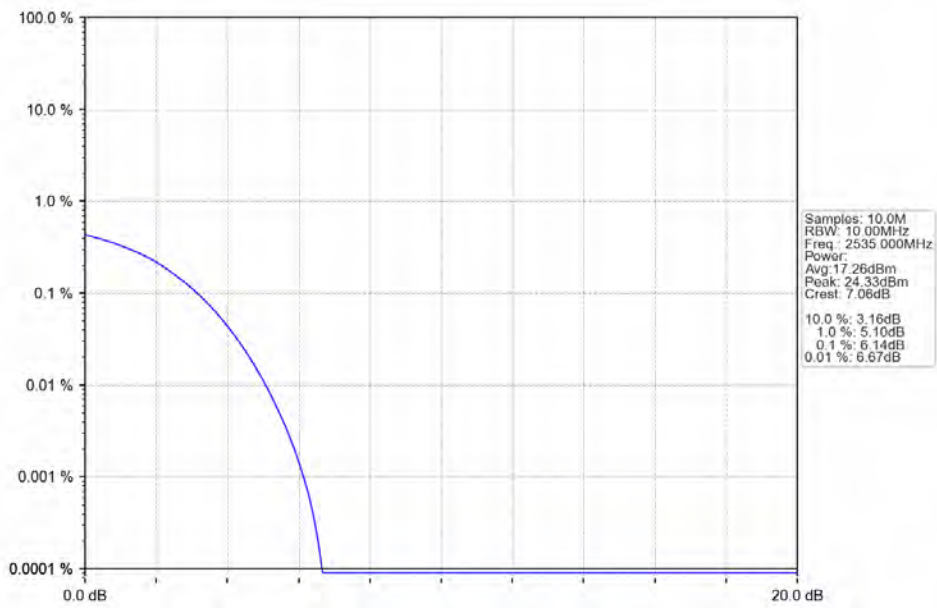
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



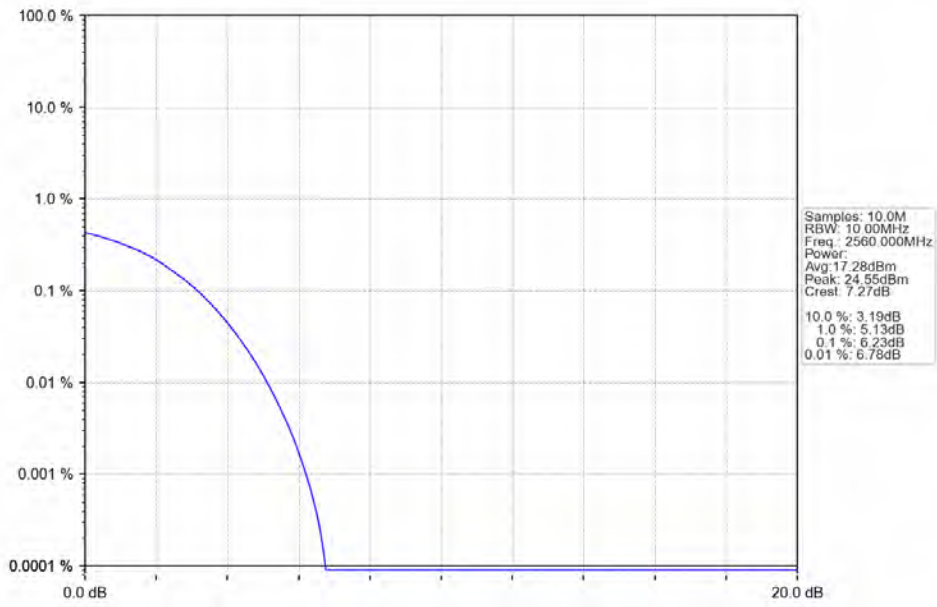
Band7_20MHz_64QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_64QAM_HCH_2560MHz_RB_100_0_NTNV



5. Spurious Emission & Band Edges

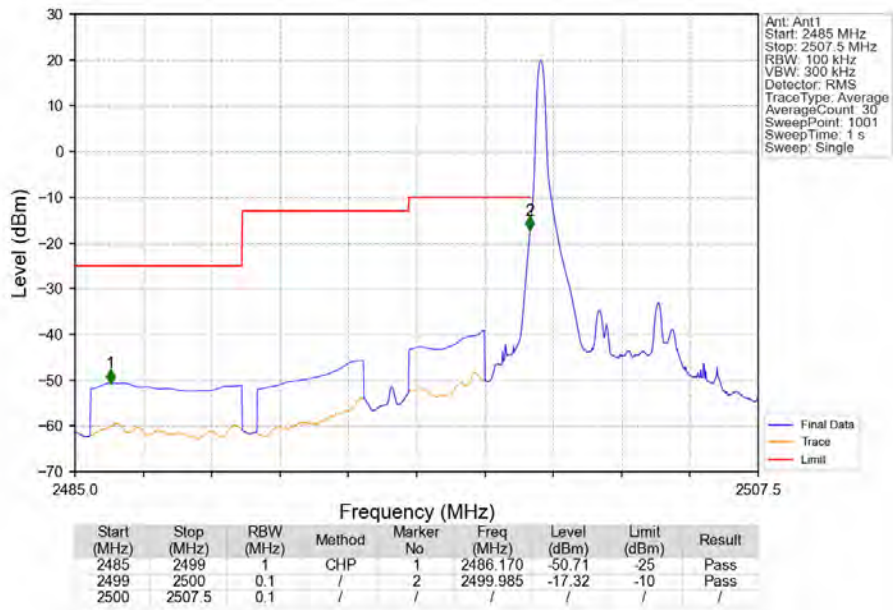
5.1 B7_5MHz

5.1.1 Test Result

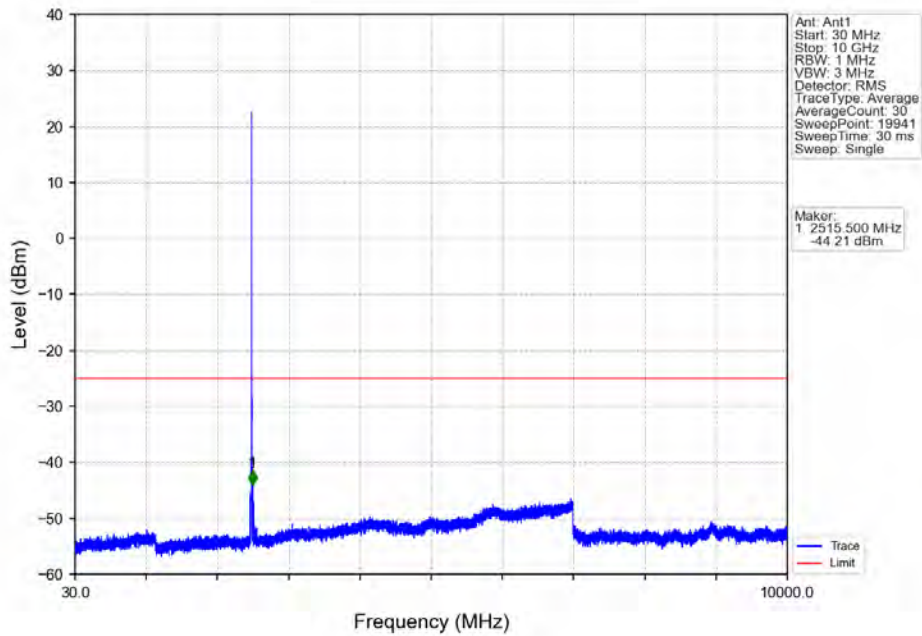
Band: 7 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph	Pass	
		25	0	Refer To Test Graph	Pass	
	2535	1	0	Refer To Test Graph	Pass	
	2567.5	1	0	Refer To Test Graph	Pass	
			24	Refer To Test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

5.1.2 Test Graph

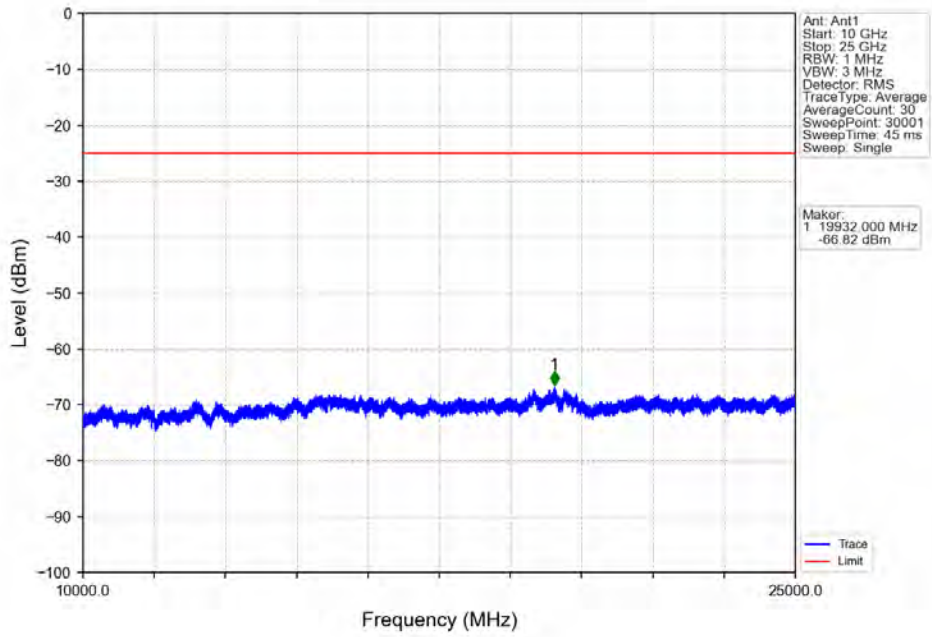
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



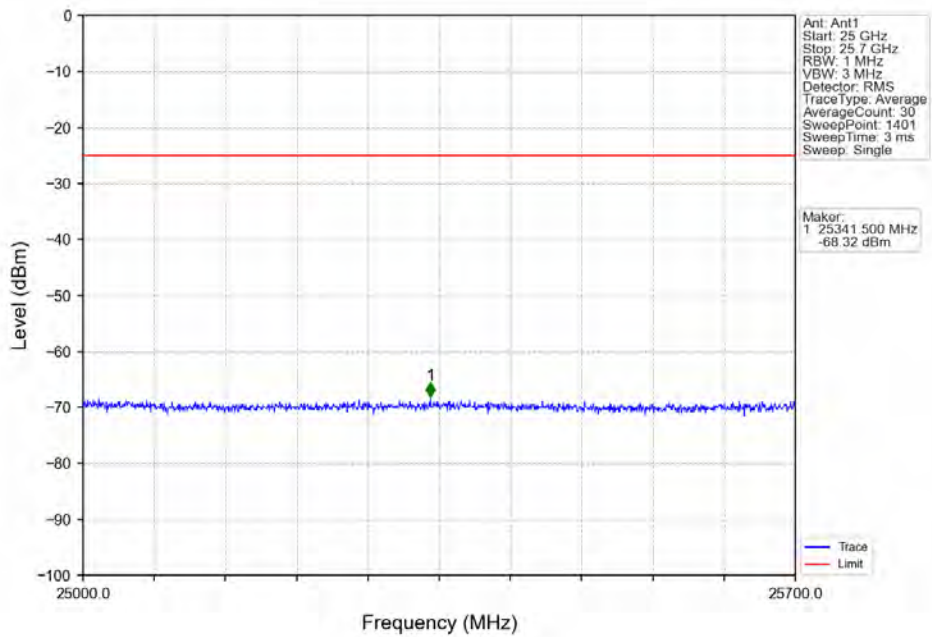
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



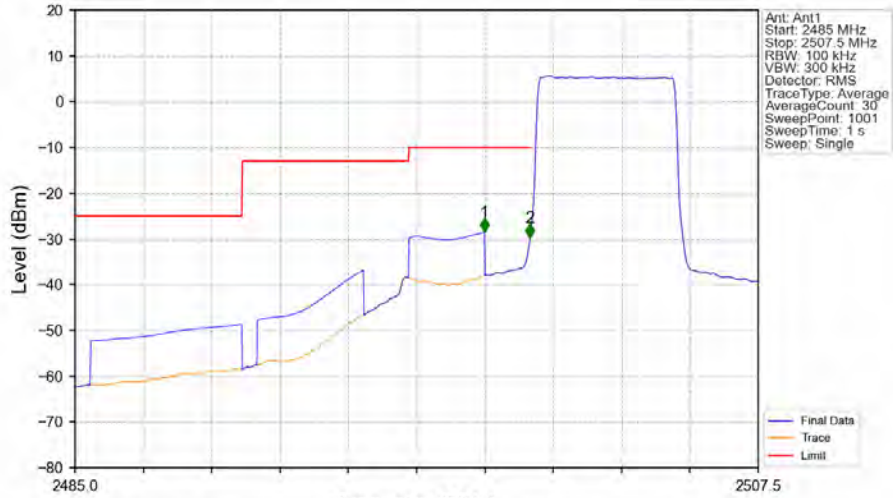
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV

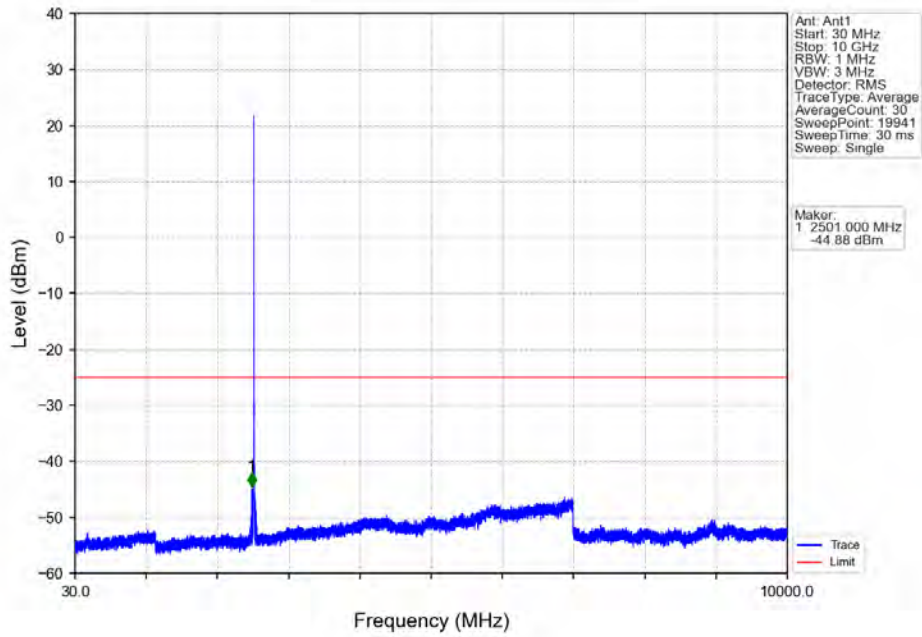


Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV

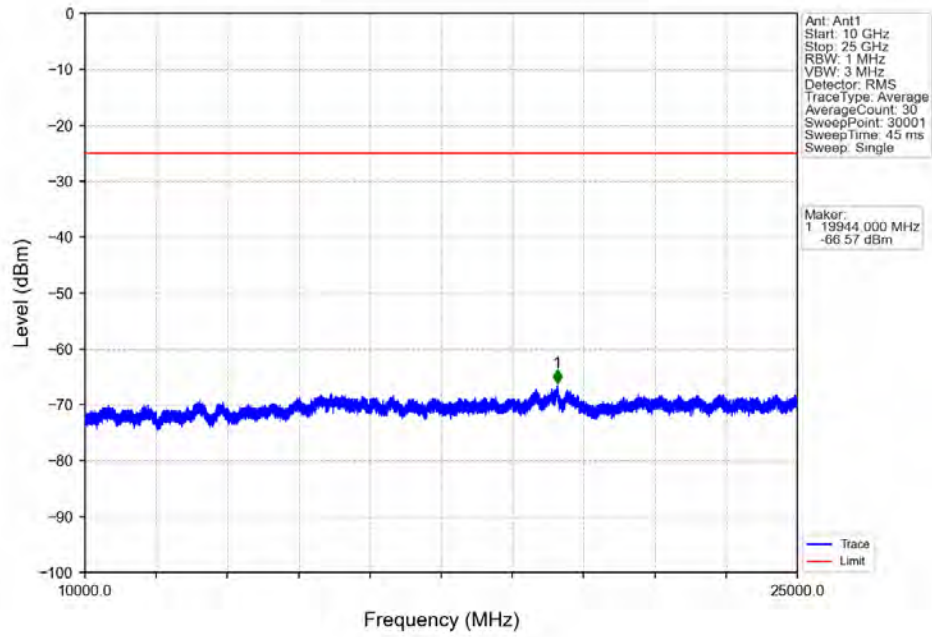


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2498.477	-28.49	-10	Pass
2499	2500	0.1	/	2	2499.985	-29.78	-10	Pass
2500	2507.5	0.1	/	/	/	/	/	/

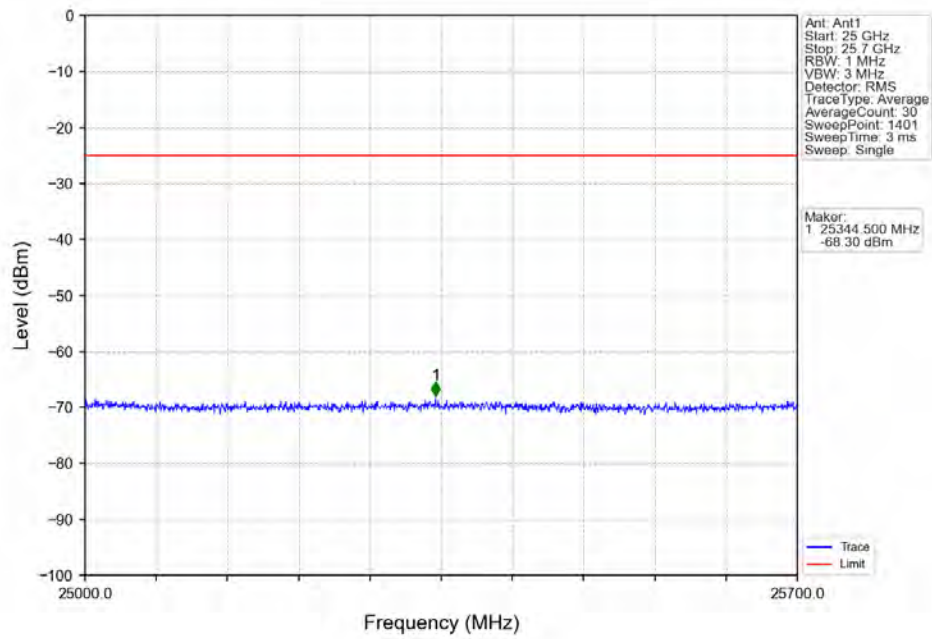
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



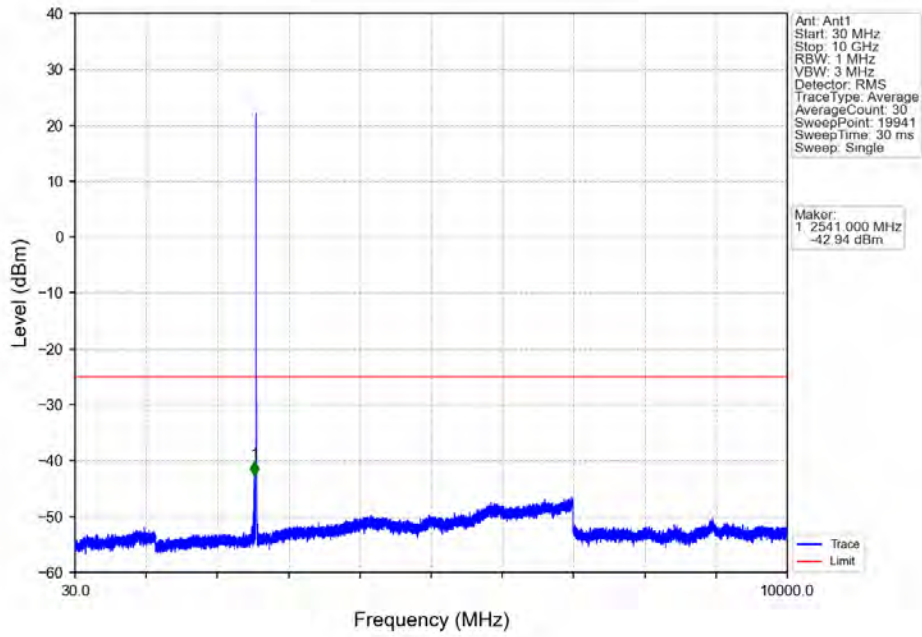
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



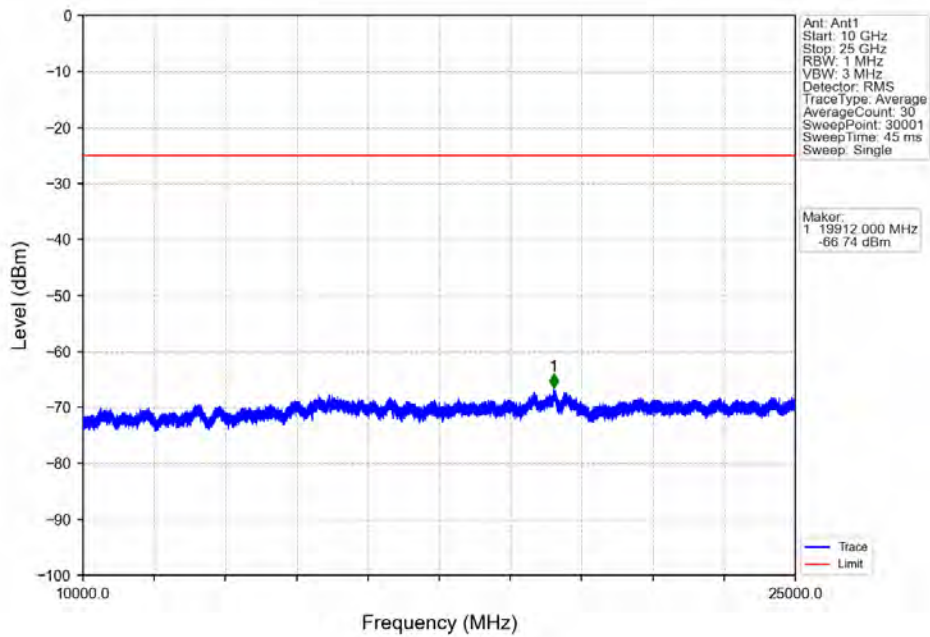
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



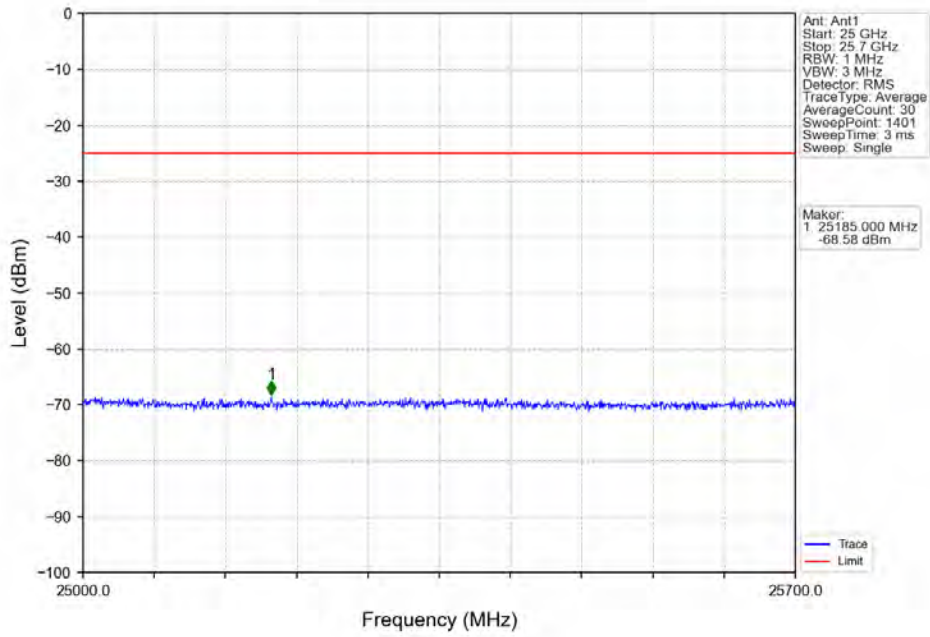
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



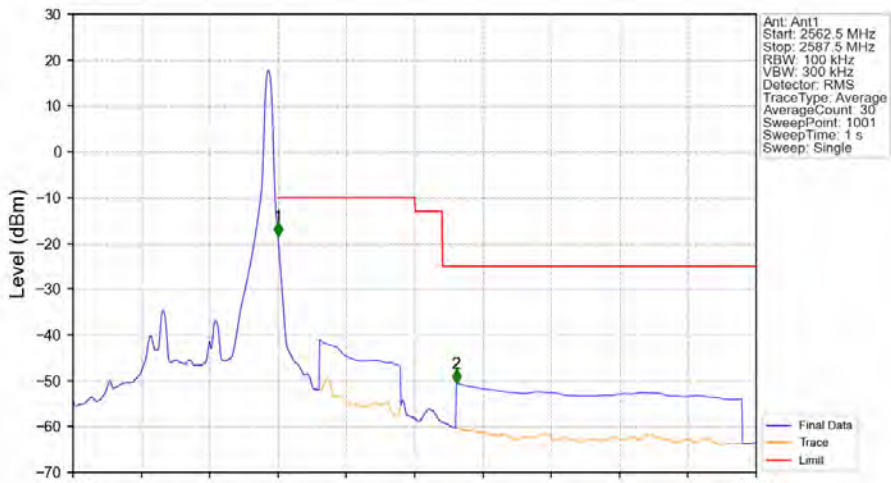
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV

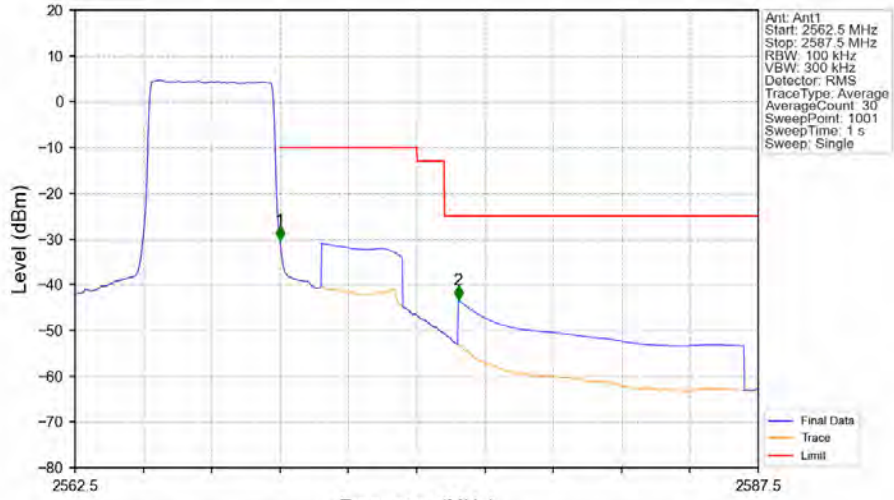


Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.000	-18.52	-10	Pass
2571	2587.5	1	CHP	2	2576.525	-50.57	-25	Pass

Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



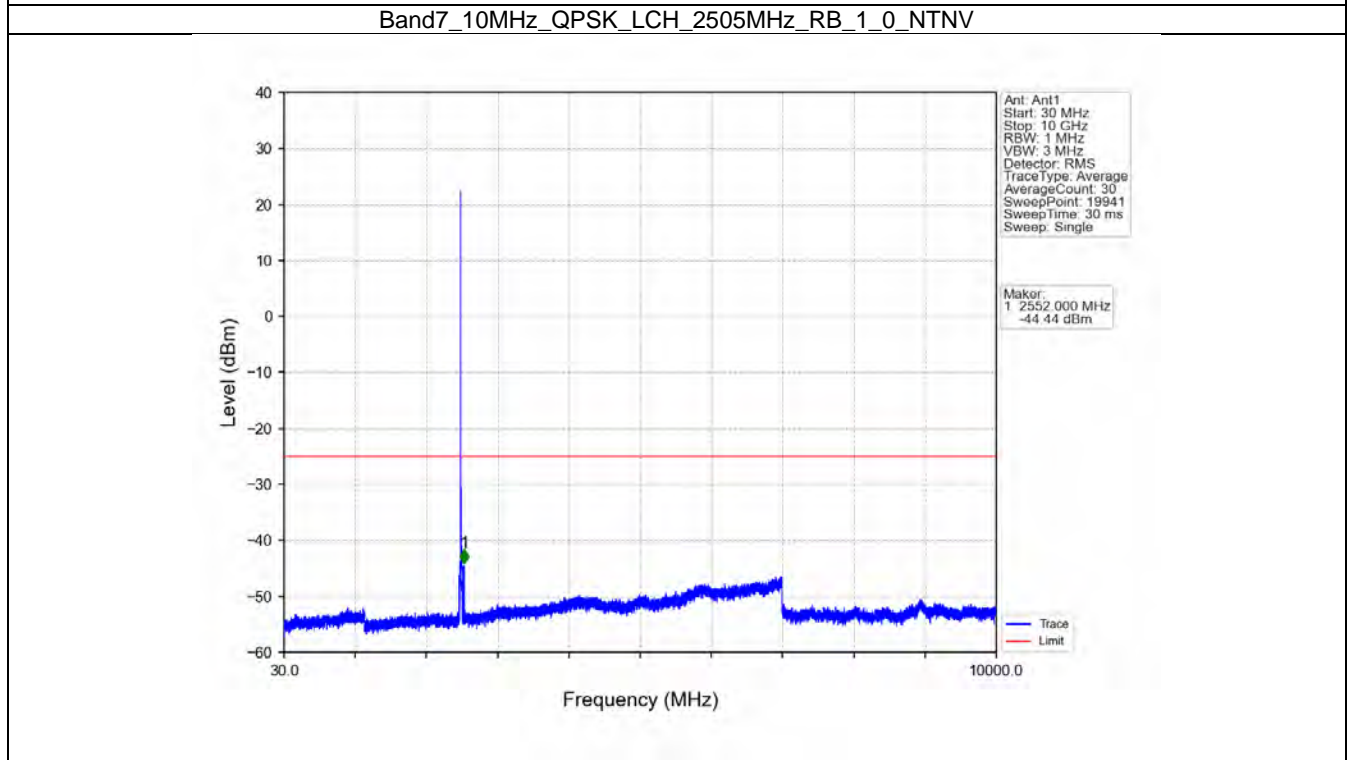
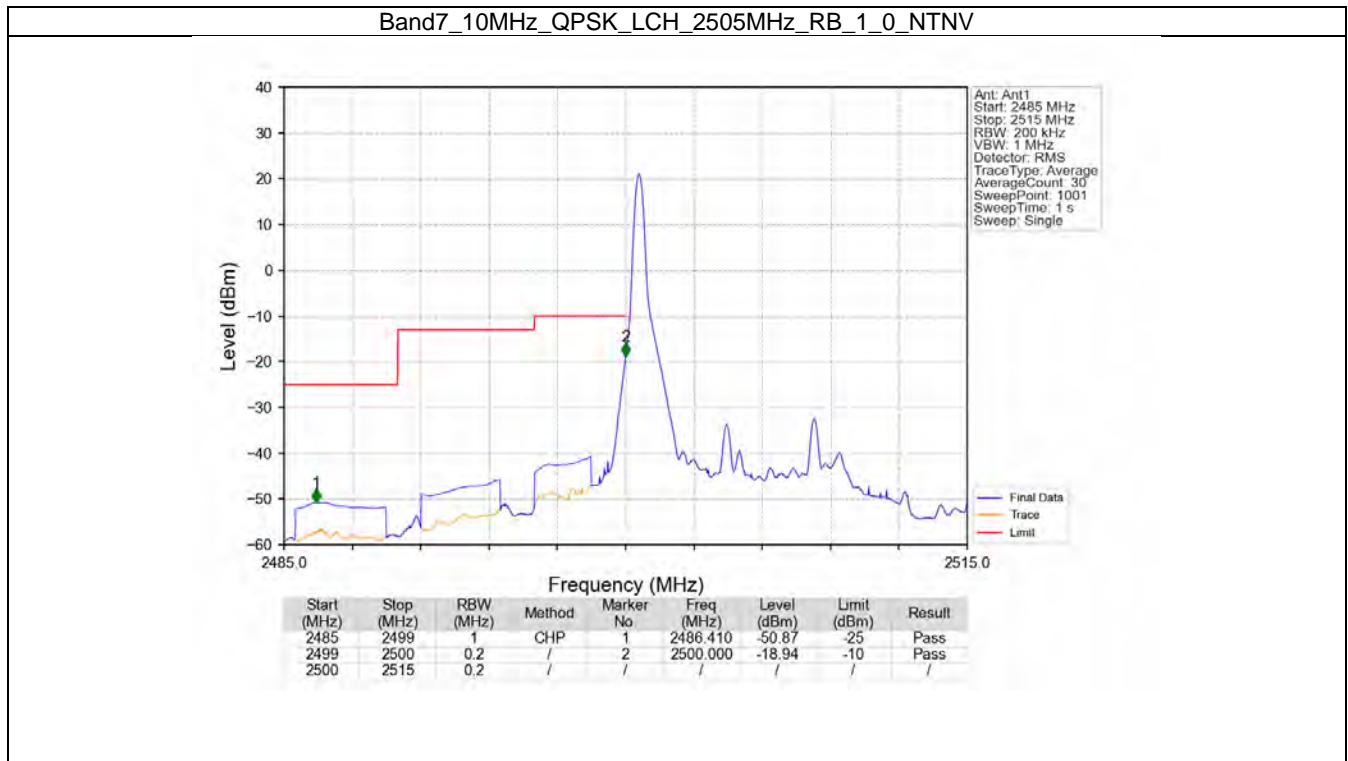
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.1	/	/	/	/	/	/
2570	2571	0.1	/	1	2570.000	-30.34	-10	Pass
2571	2587.5	1	CHP	2	2576.525	-43.37	-25	Pass

5.2 B7_10MHz

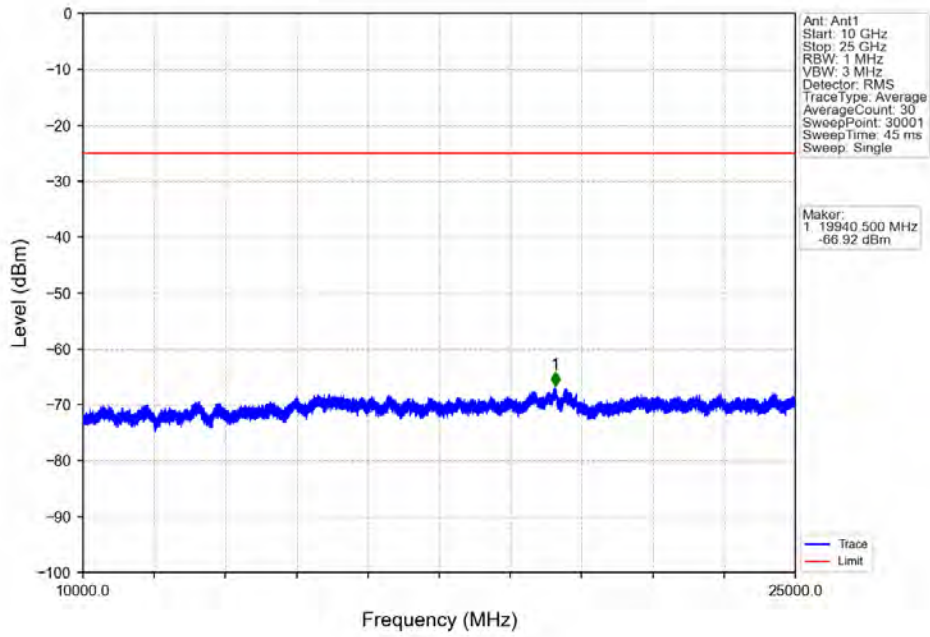
5.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTV						
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	

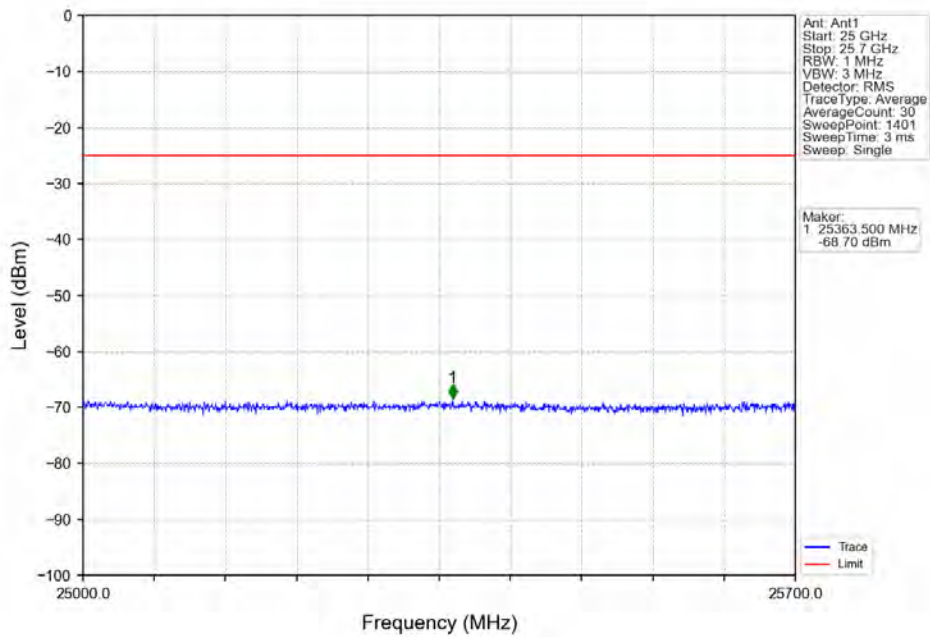
5.2.2 Test Graph



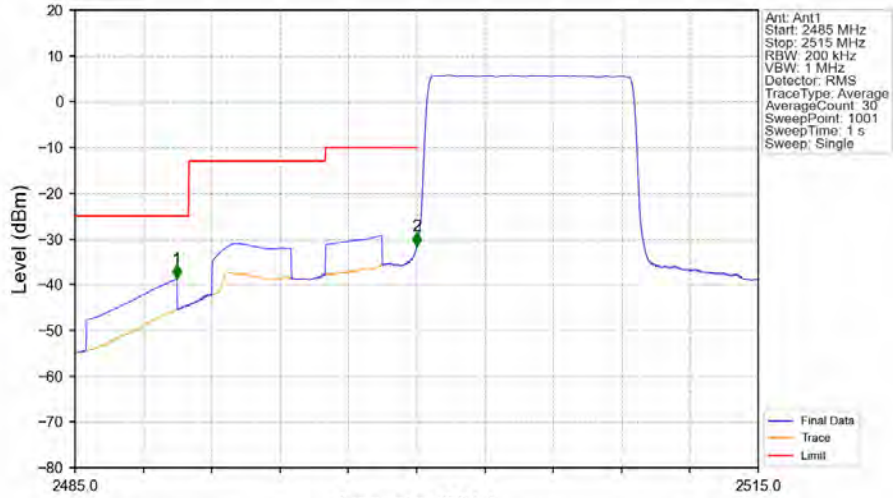
Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV

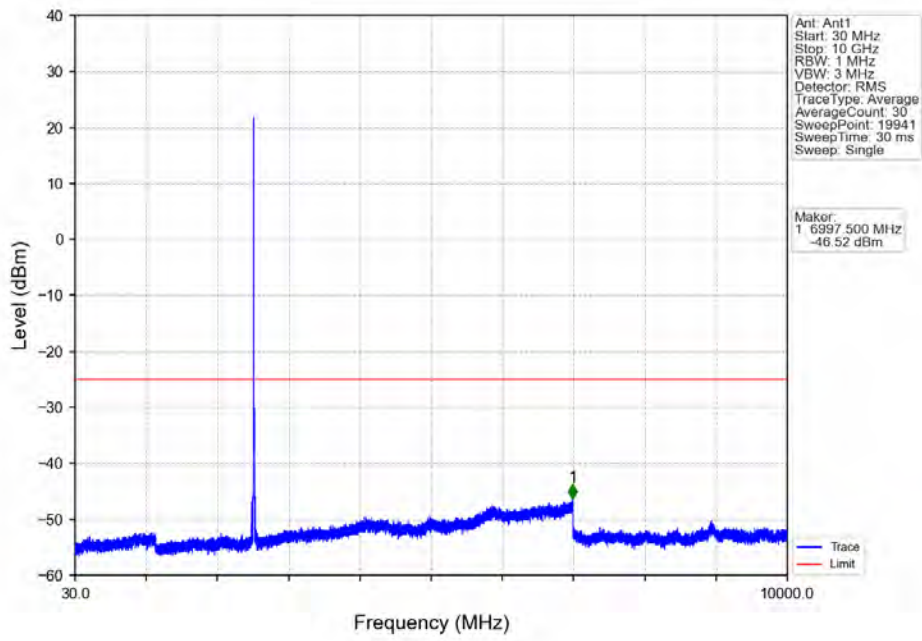


Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2489.470	-38.80	-25	Pass
2499	2500	0.2	/	2	2500.000	-31.61	-10	Pass
2500	2515	0.2	/	/	/	/	/	/

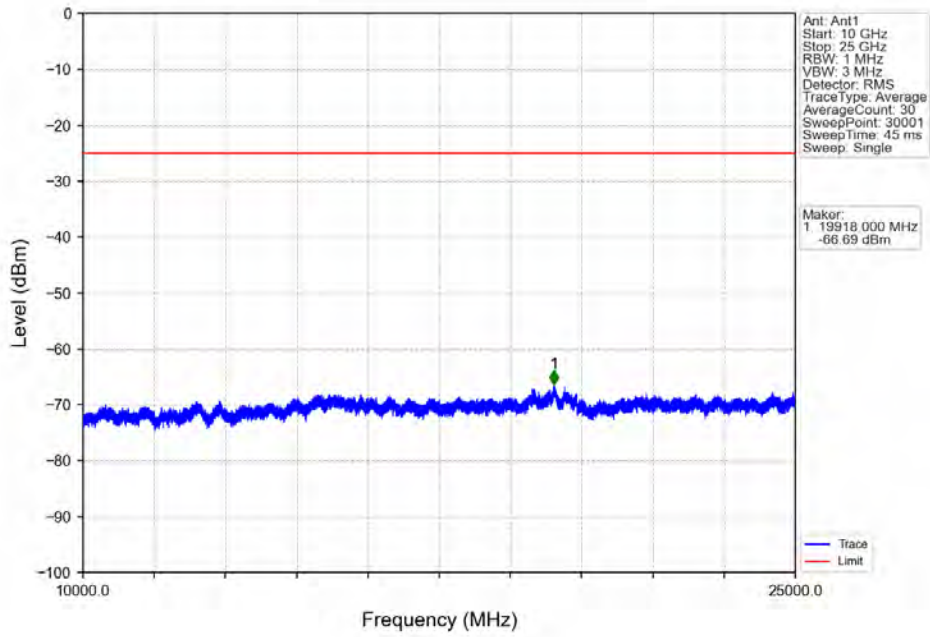
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



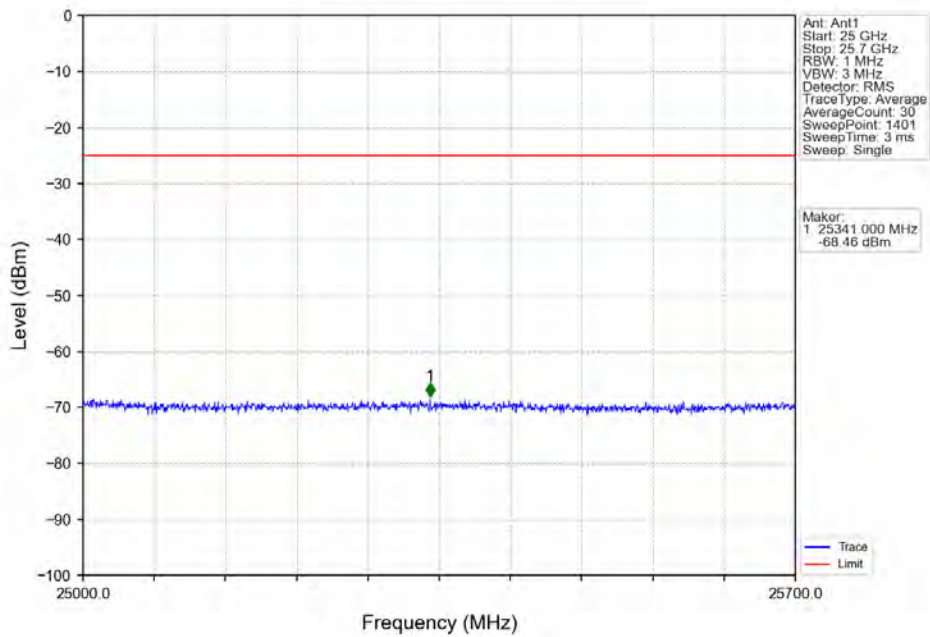
Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 19941
 Sweep Time: 30 ms
 Sweep: Single

Marker:
 1 6997.500 MHz
 -46.52 dBm

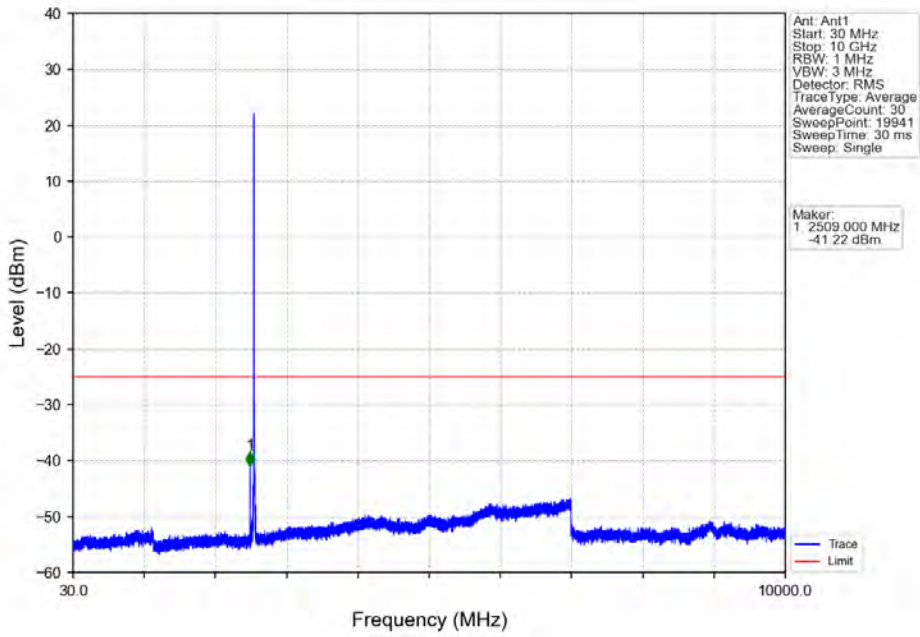
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



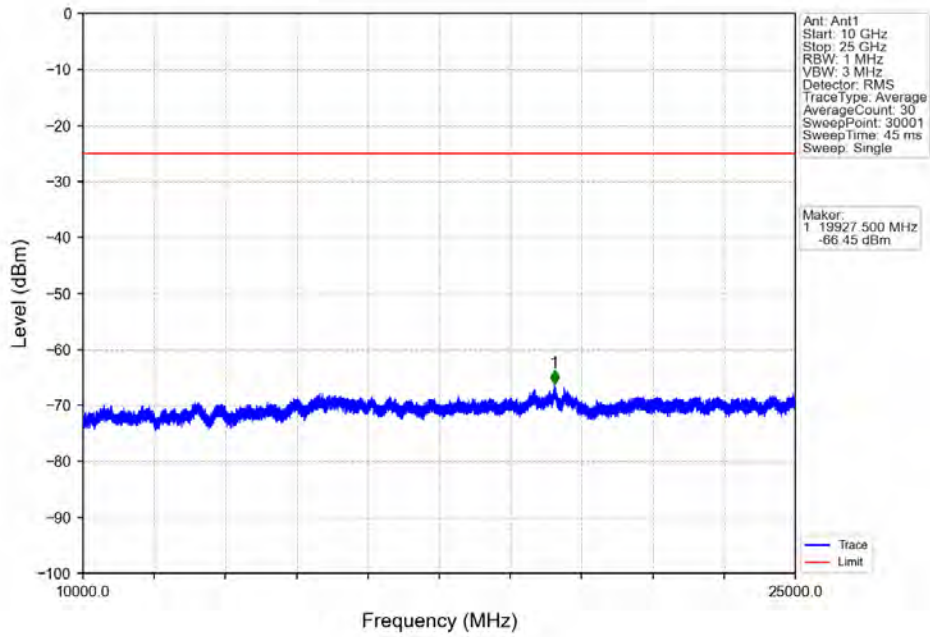
Band7_10MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



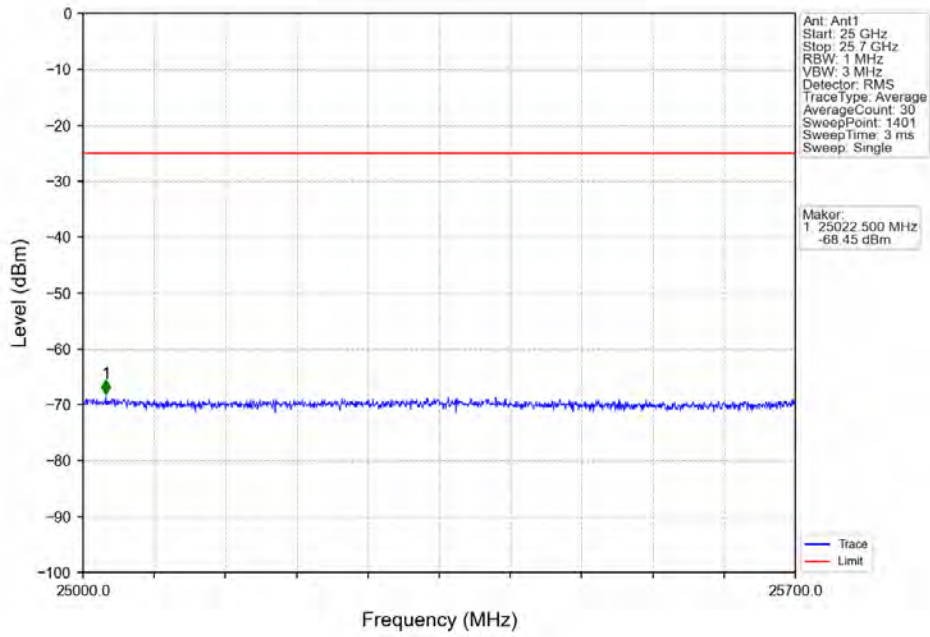
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



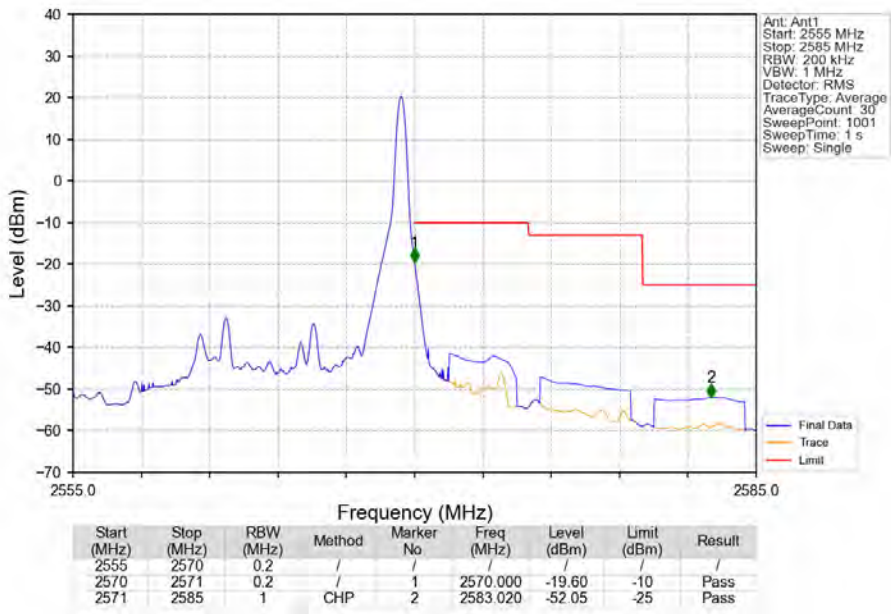
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



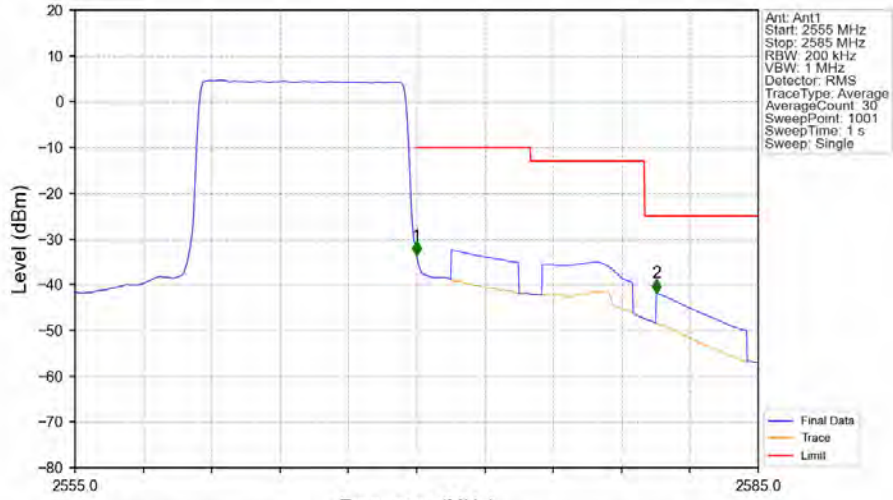
Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



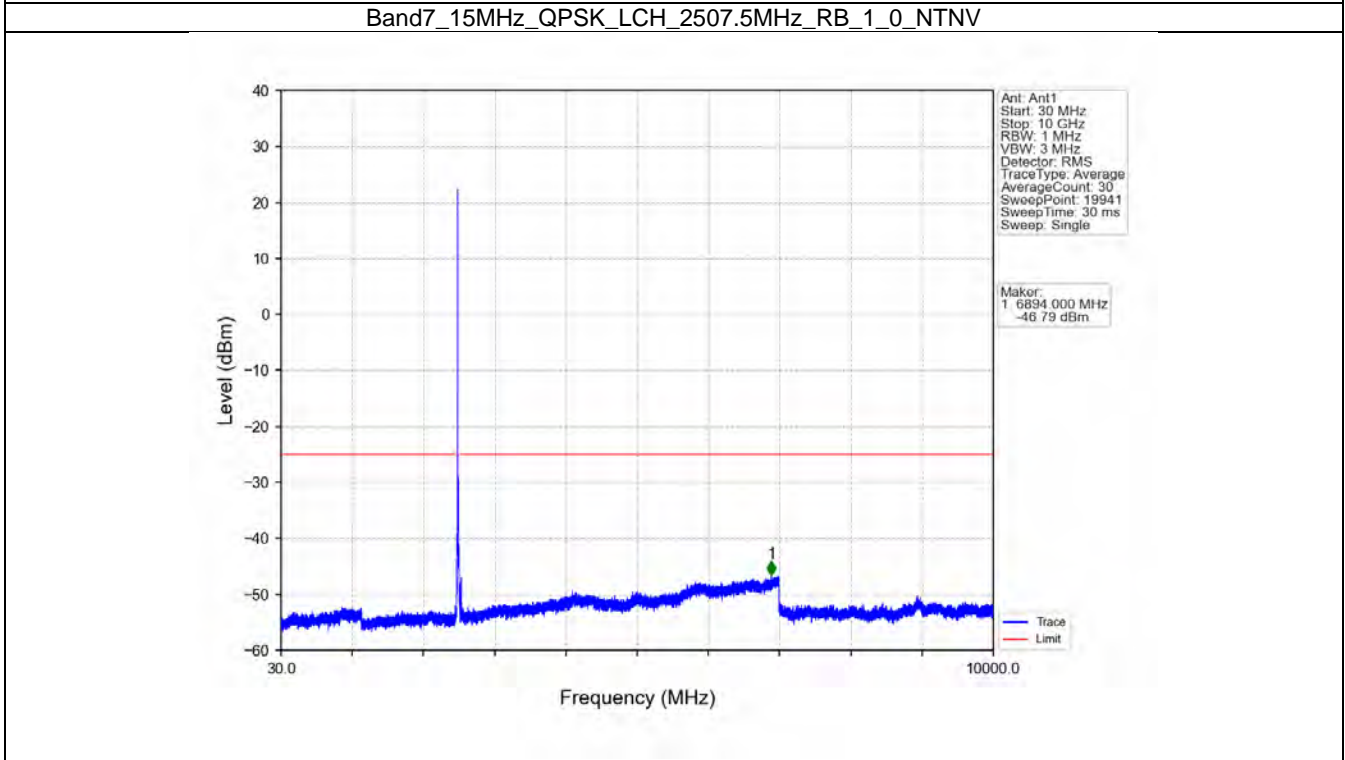
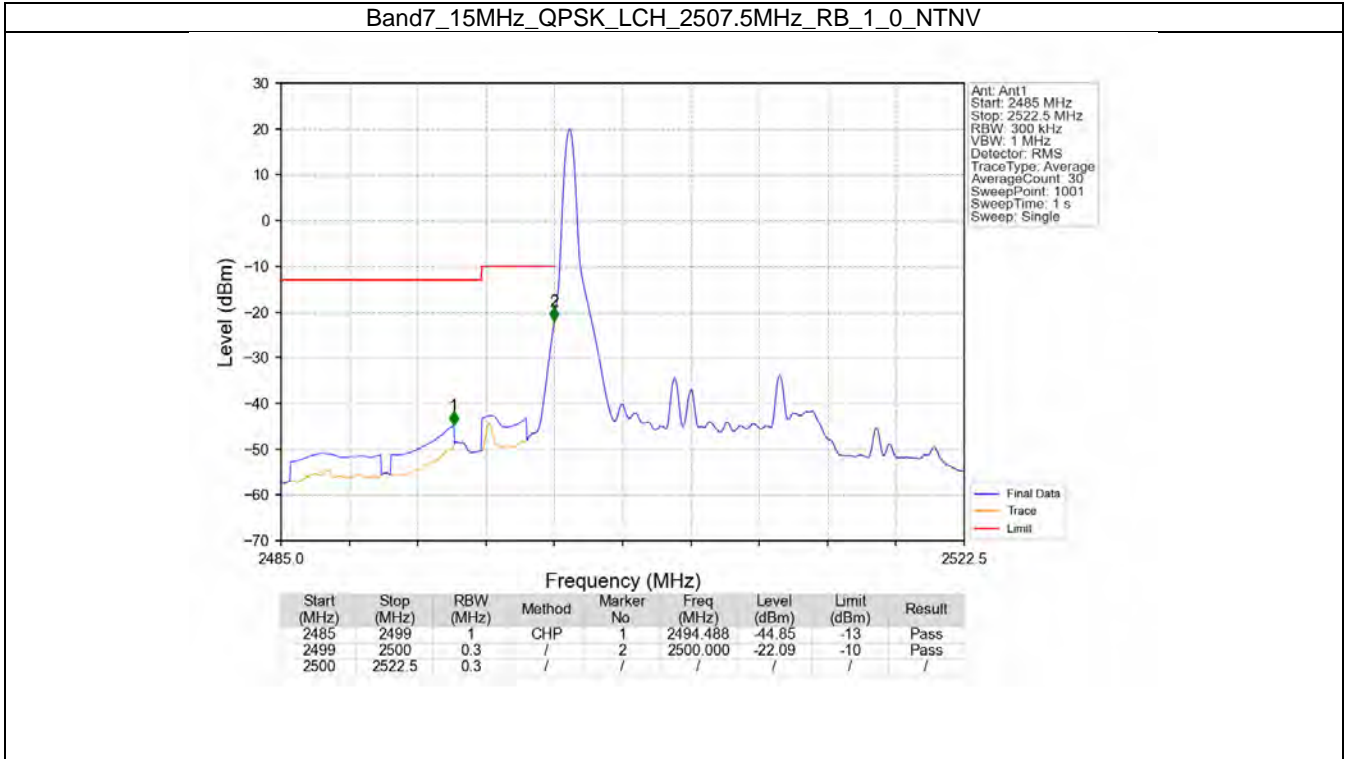
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2555	2570	0.2	/	/	/	/	/	/
2570	2571	0.2	/	1	2570.000	-33.63	-10	Pass
2571	2585	1	CHP	2	2580.530	-41.84	-25	Pass

5.3 B7_15MHz

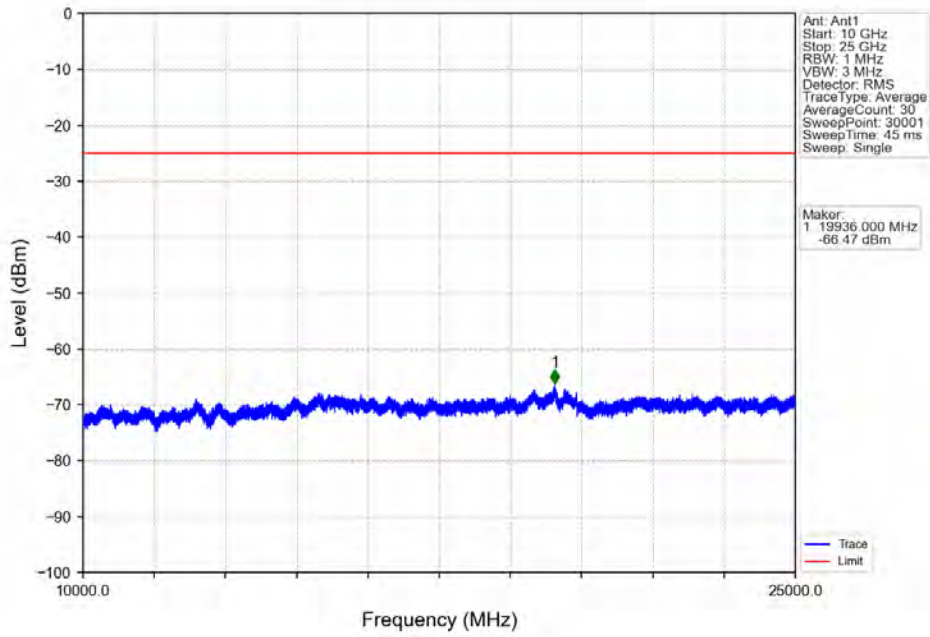
5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTV						
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	

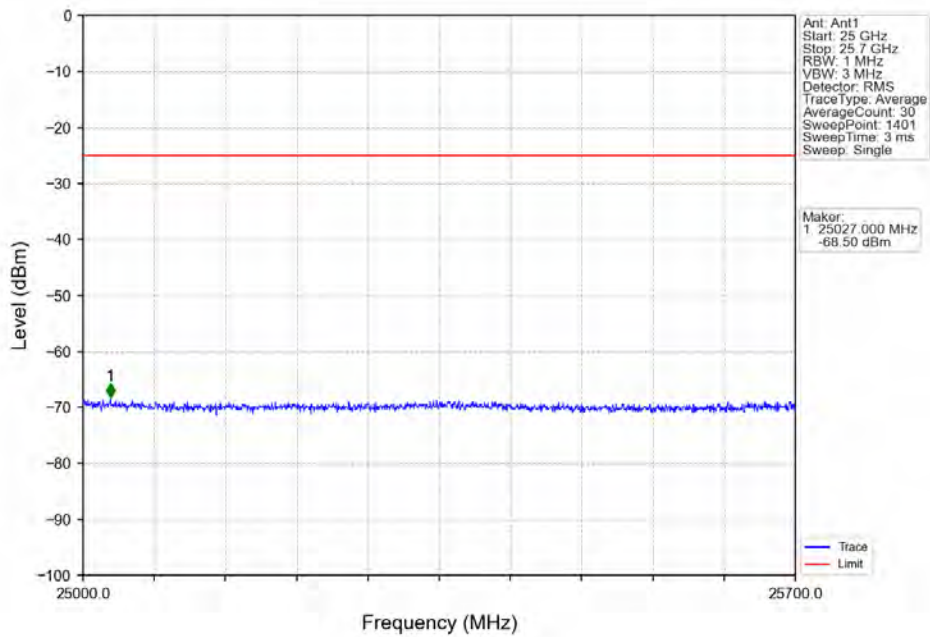
5.3.2 Test Graph



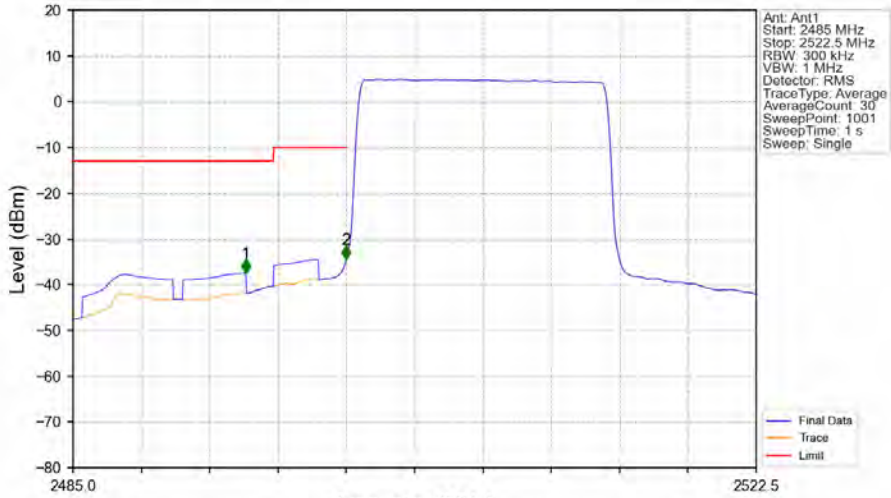
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_LCH_2507.5MHz_RB_1_0_NTNV

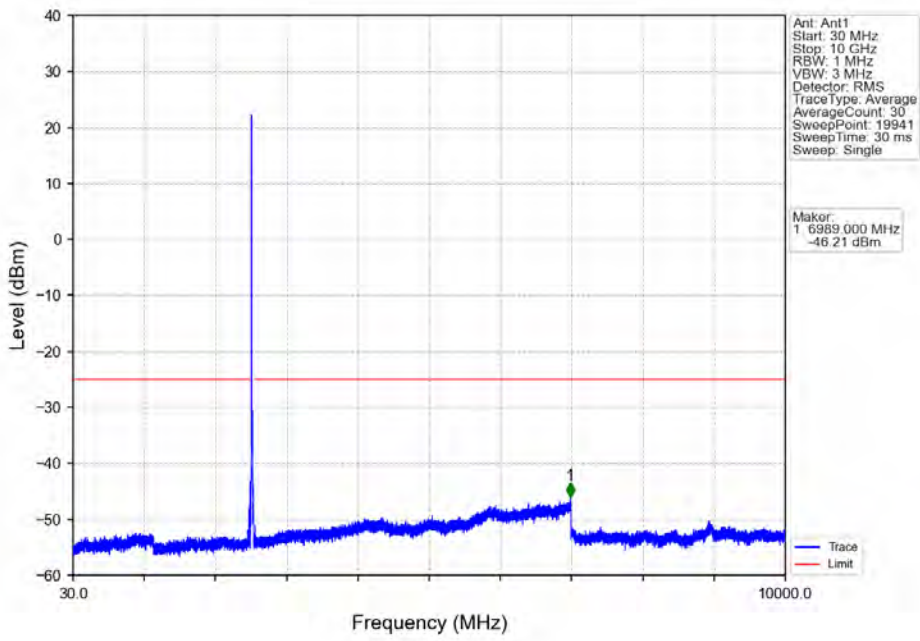


Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2494.488	-37.45	-13	Pass
2499	2500	0.3	/	2	2500.000	-34.52	-10	Pass
2500	2522.5	0.3	/	/	/	/	/	/

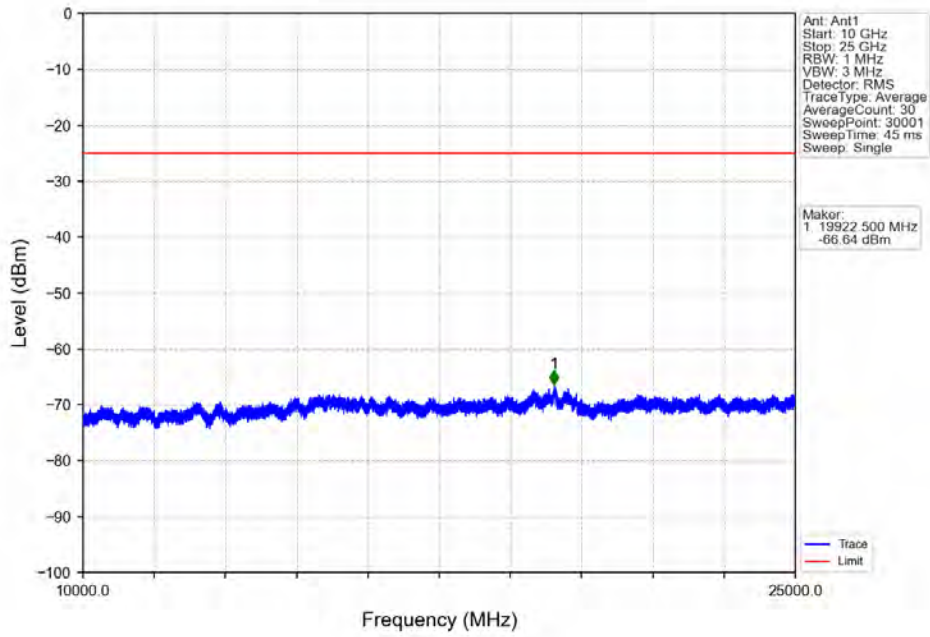
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



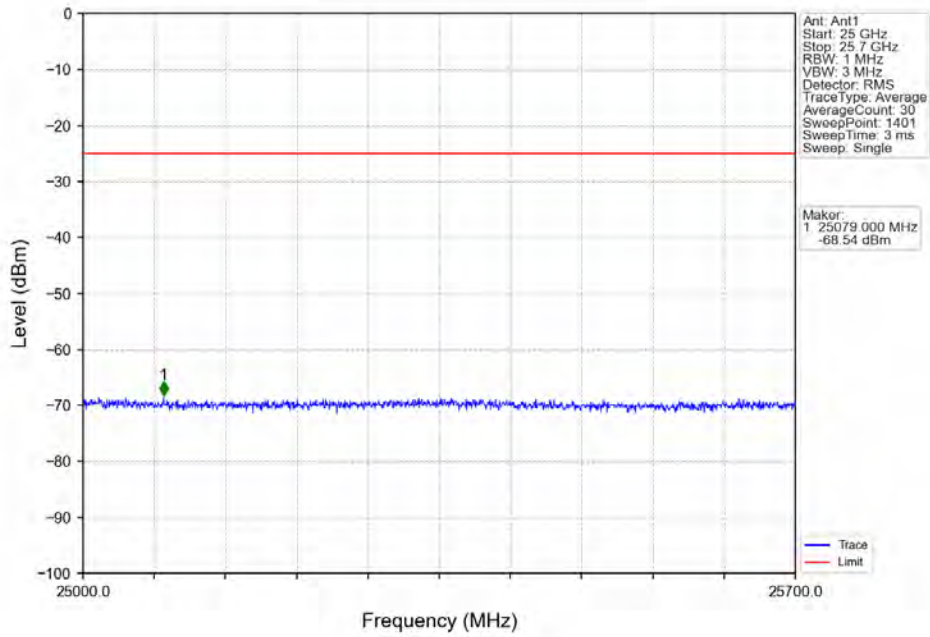
Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 Trace Type: Average
 Average Count: 30
 Sweep Point: 19941
 Sweep Time: 30 ms
 Sweep: Single

Marker:
 1 6989.000 MHz
 -46.21 dBm

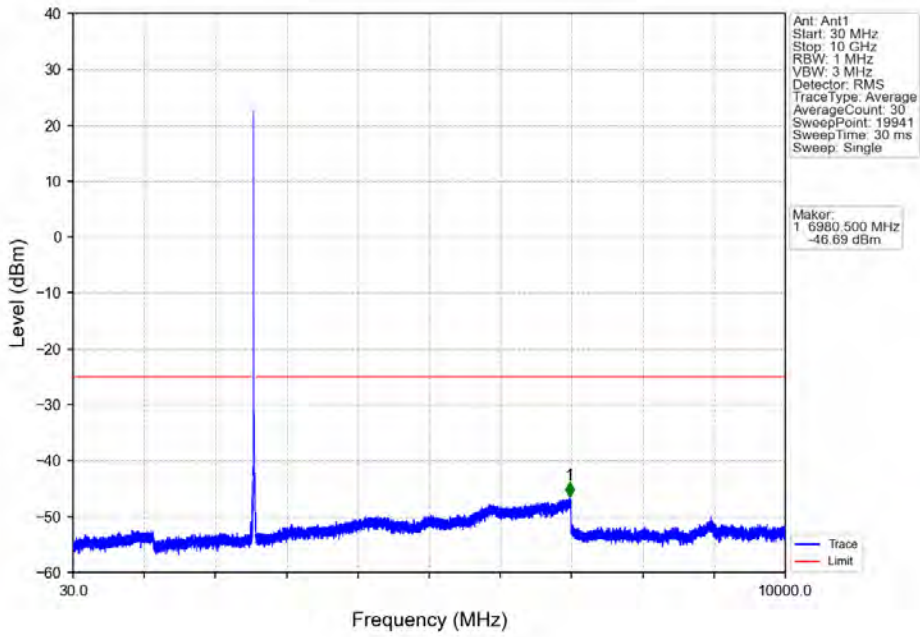
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



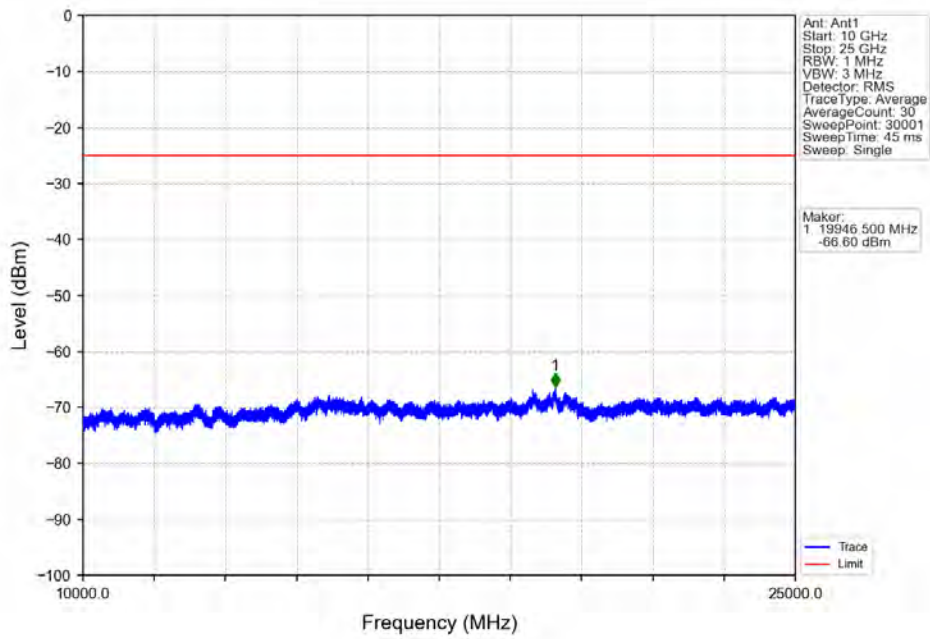
Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



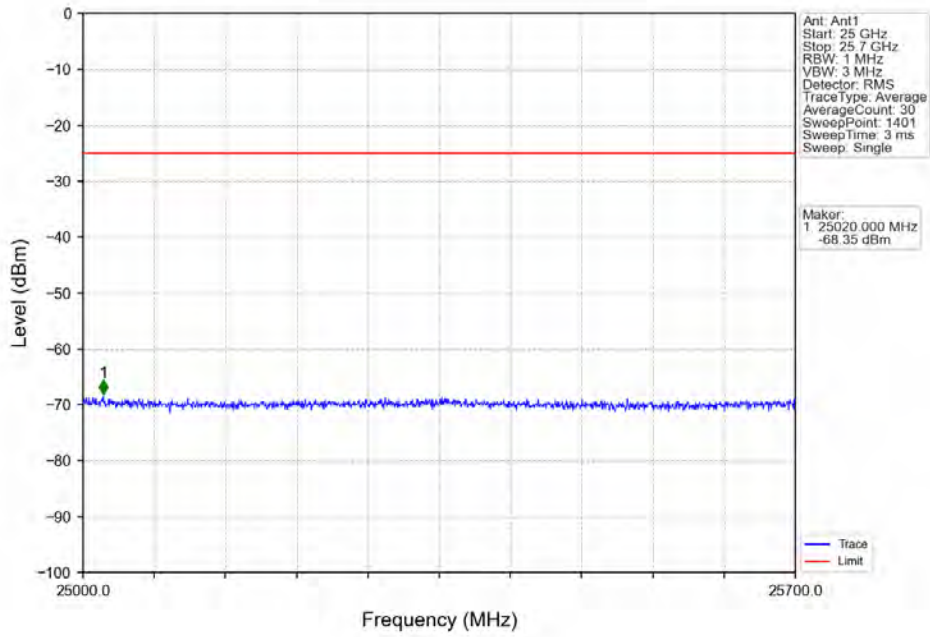
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



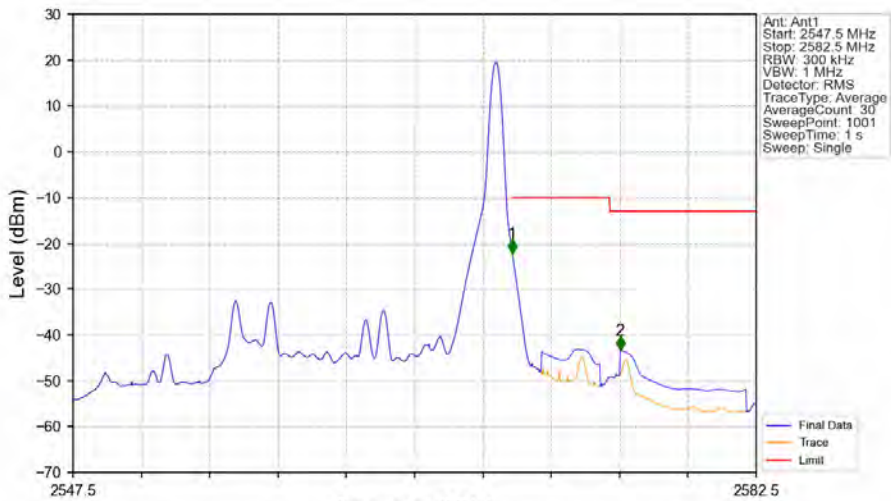
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV

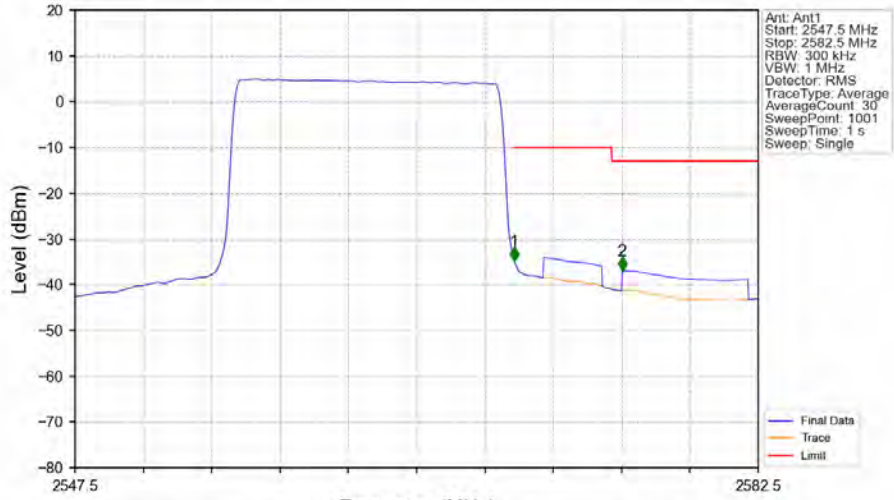


Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.005	-22.20	-10	Pass
2571	2582.5	1	CHP	2	2575.535	-43.37	-13	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
2547.5	2570	0.3	/	/	/	/	/	/
2570	2571	0.3	/	1	2570.005	-34.83	-10	Pass
2571	2582.5	1	CHP	2	2575.535	-36.95	-13	Pass

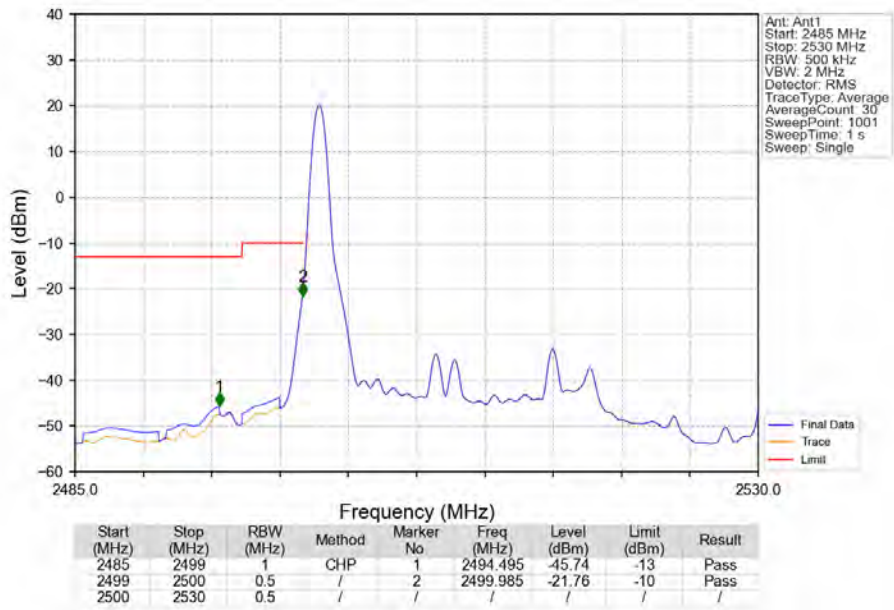
5.4 B7_20MHz

5.4.1 Test Result

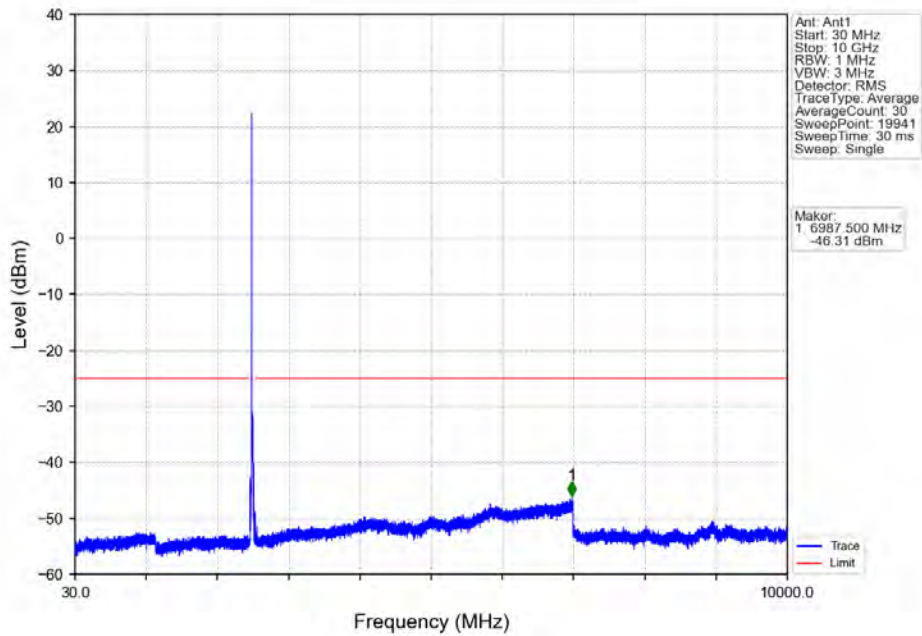
Band: 7 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	2535	1	0	Refer To Test Graph	Pass	
	2560	1	0	Refer To Test Graph	Pass	
			99	Refer To Test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

5.4.2 Test Graph

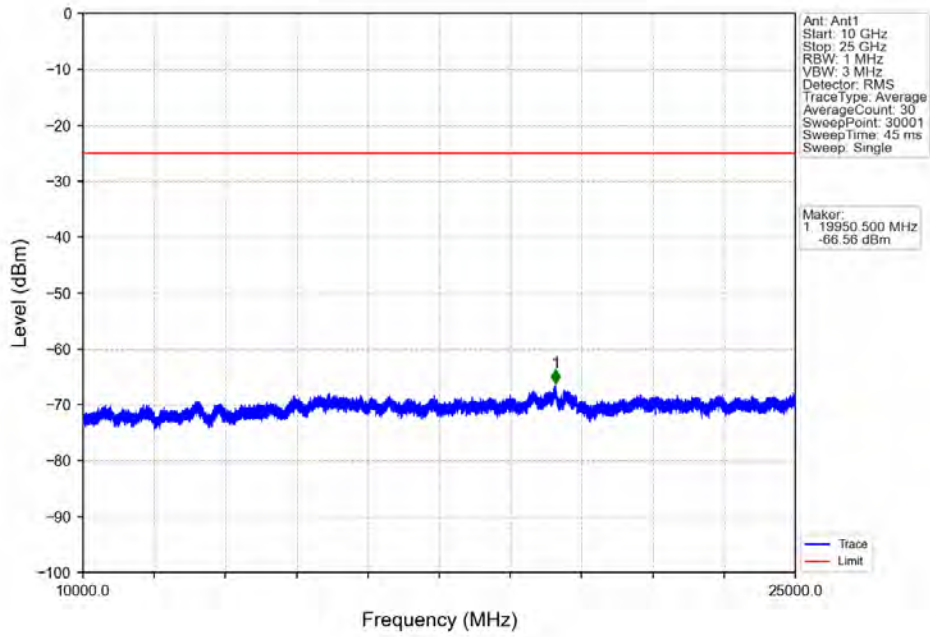
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



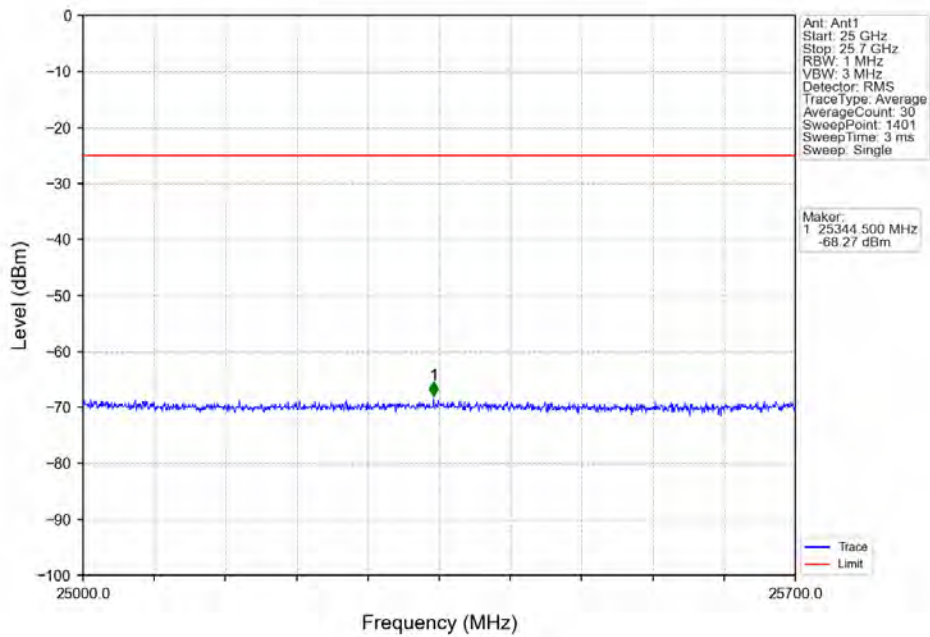
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



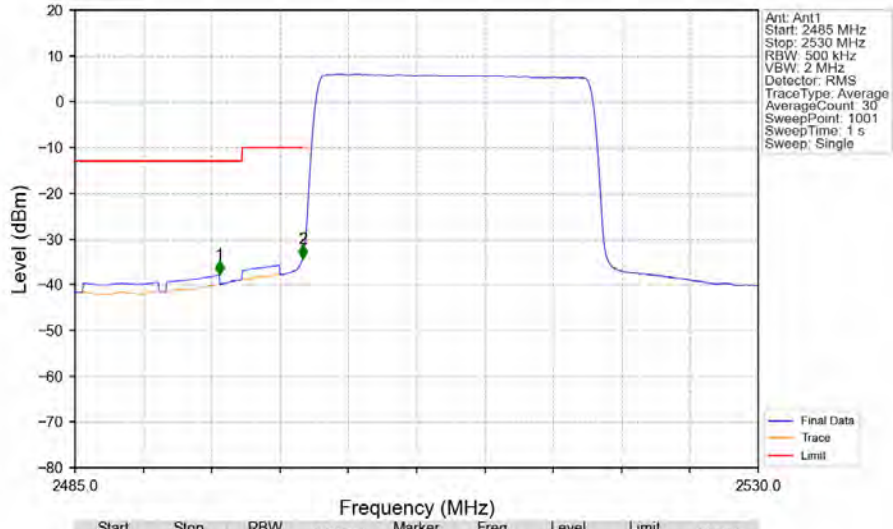
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV

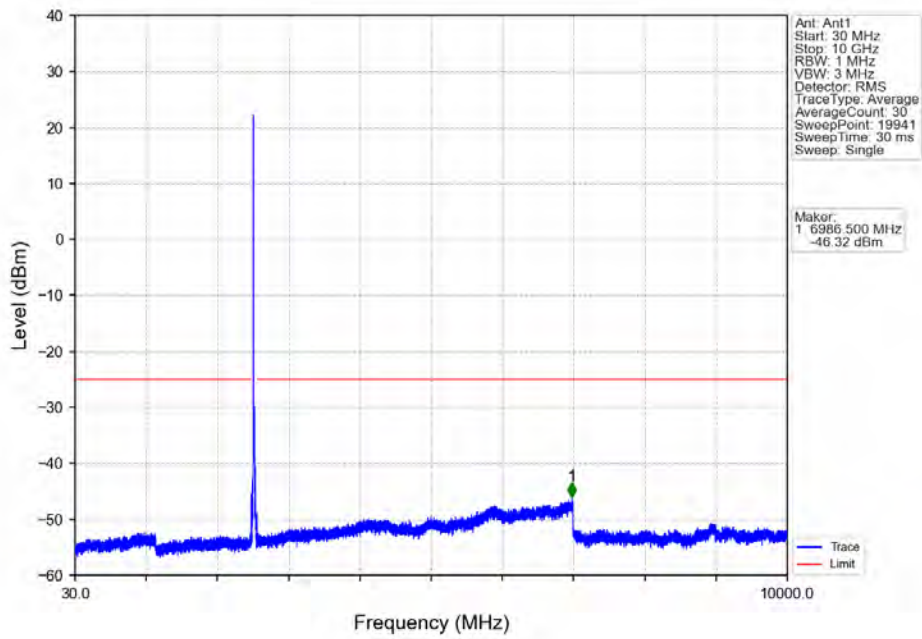


Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV

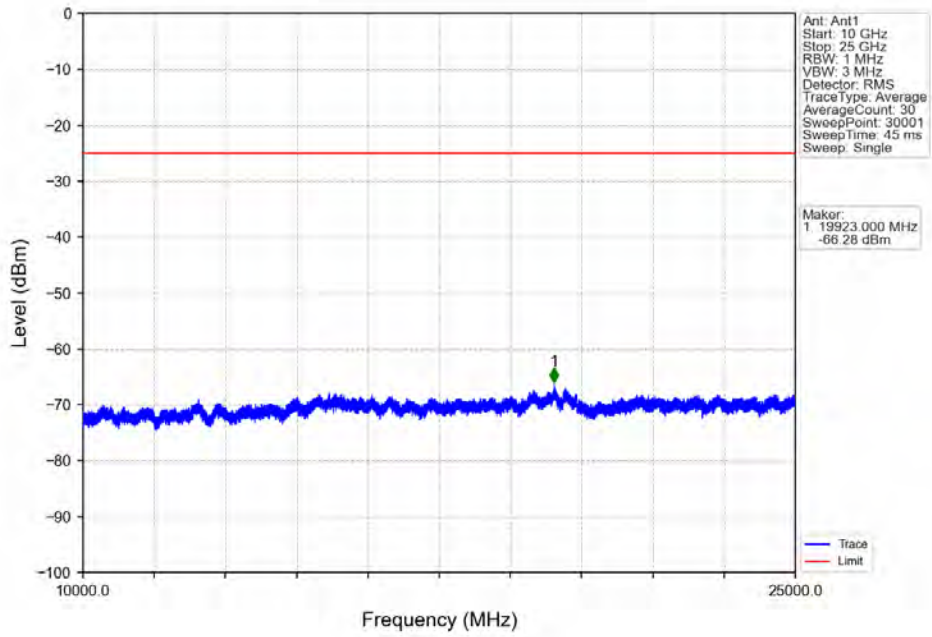


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2499	1	CHP	1	2494.495	-37.92	-13	Pass
2499	2500	0.5	/	2	2499.985	-34.27	-10	Pass
2500	2530	0.5	/	/	/	/	/	/

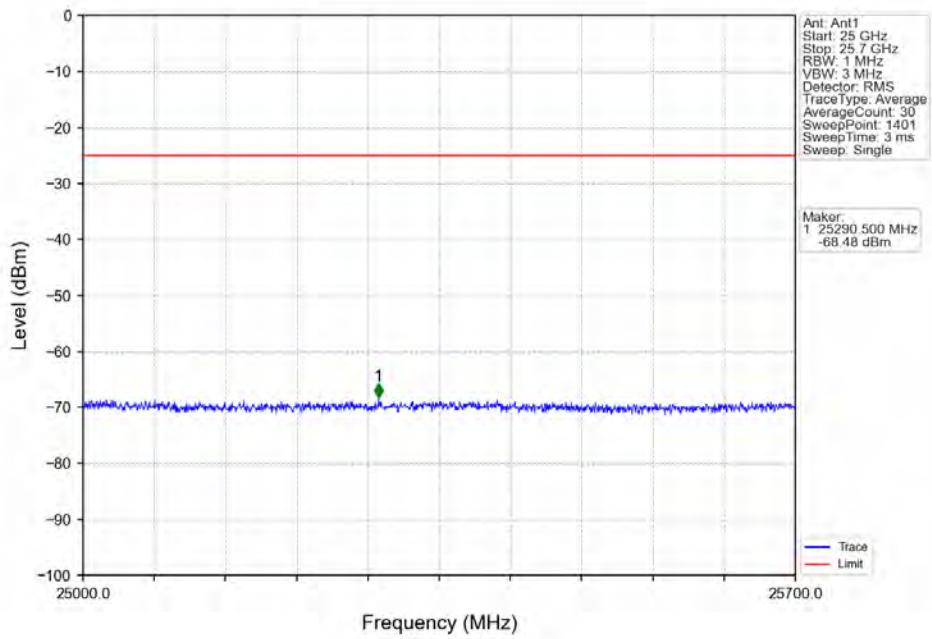
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



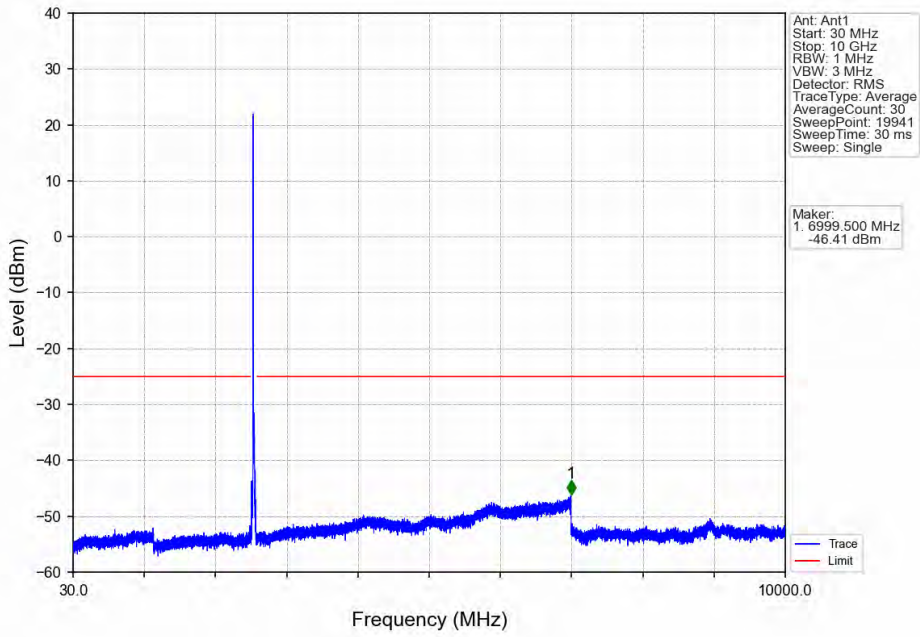
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



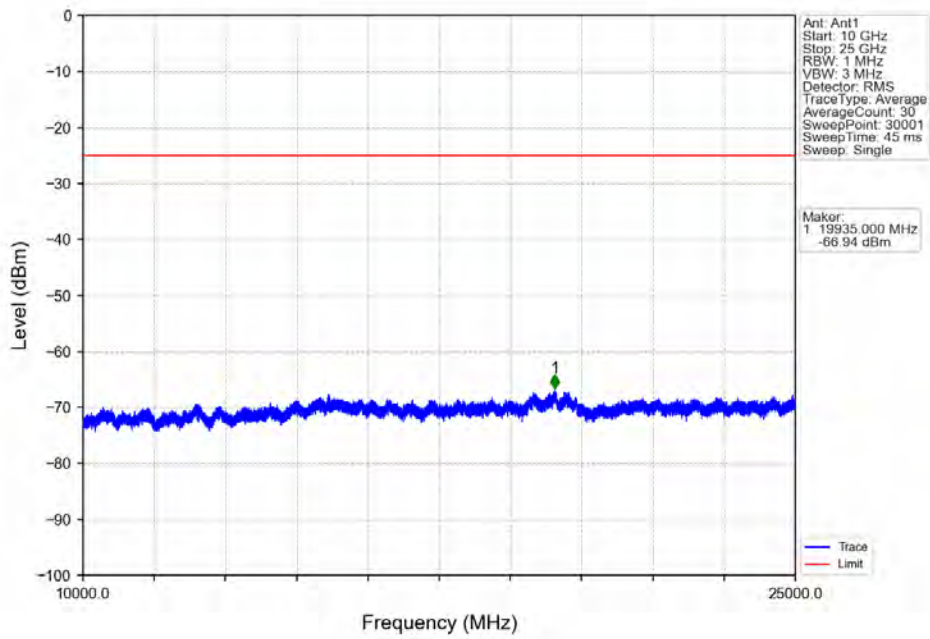
Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



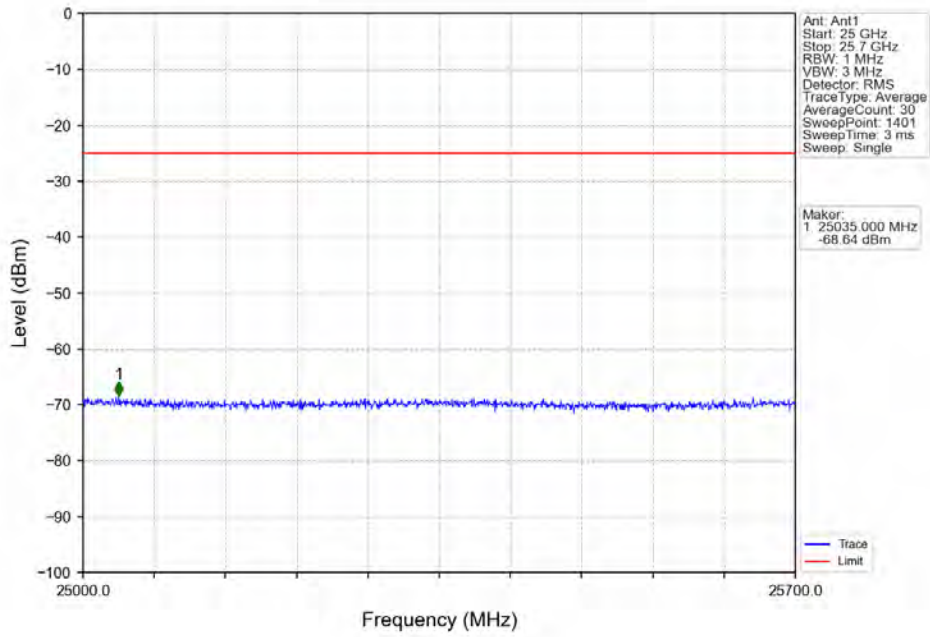
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



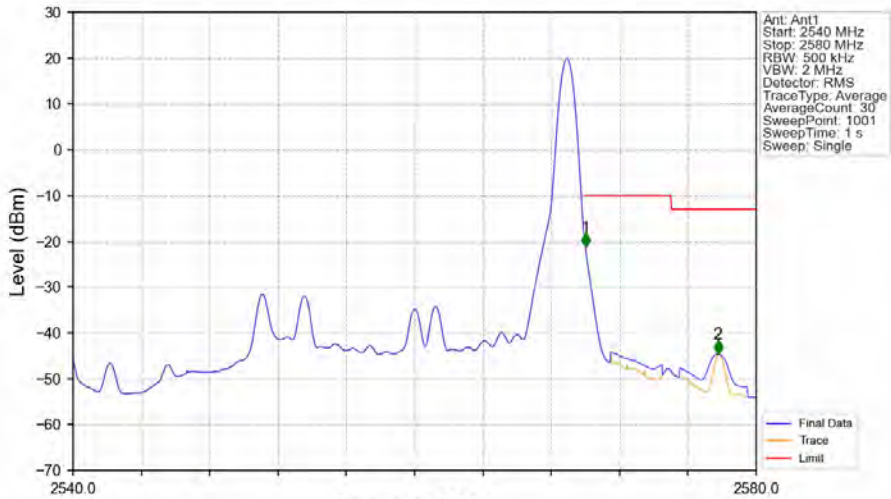
Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_HCH_2560MHz_RB_1_0_NTNV

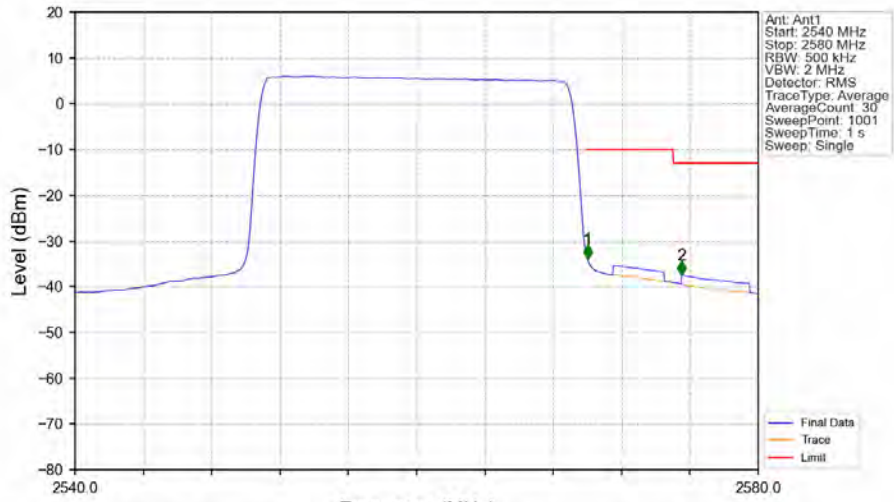


Band7_20MHz_QPSK_HCH_2560MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.000	-21.29	-10	Pass
2571	2580	1	CHP	2	2577.760	-44.62	-13	Pass

Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2540	2570	0.5	/	/	/	/	/	/
2570	2571	0.5	/	1	2570.000	-33.97	-10	Pass
2571	2580	1	CHP	2	2575.520	-37.48	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 7 ANT13-Low channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-62.0	-25	-37.0	-67.57	4.57	10.14	Horizontal	Pass
7503.0	-60.71	-25	-35.71	-67.51	4.94	11.74	Horizontal	Pass
10004.0	-50.37	-25	-25.37	-57.94	5.46	13.03	Horizontal	Pass
5002.0	-62.47	-25	-37.47	-68.04	4.57	10.14	Vertical	Pass
7503.0	-60.39	-25	-35.39	-67.19	4.94	11.74	Vertical	Pass
10004.0	-53.03	-25	-28.03	-60.6	5.46	13.03	Vertical	Pass

LTE Band 7 ANT13-Middle channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-62.83	-25	-37.83	-68.41	4.59	10.17	Horizontal	Pass
10104.0	-53.21	-25	-28.21	-60.78	5.48	13.05	Horizontal	Pass
15177.89	-48.39	-25	-23.39	-55.72	7.09	14.42	Horizontal	Pass
5052.0	-63.13	-25	-38.13	-68.71	4.59	10.17	Vertical	Pass
10104.0	-54.04	-25	-29.04	-61.61	5.48	13.05	Vertical	Pass
15156.0	-47.77	-25	-22.77	-55.12	7.09	14.44	Vertical	Pass

LTE Band 7 ANT13-High channel								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-63.61	-25	-38.61	-69.21	4.6	10.2	Horizontal	Pass
7653.0	-60.27	-25	-35.27	-67.24	4.95	11.92	Horizontal	Pass
10204.0	-50.73	-25	-25.73	-58.31	5.49	13.07	Horizontal	Pass
5102.0	-63.32	-25	-38.32	-68.92	4.6	10.2	Vertical	Pass
7653.0	-58.34	-25	-33.34	-65.31	4.95	11.92	Vertical	Pass
10204.0	-55.29	-25	-30.29	-62.87	5.49	13.07	Vertical	Pass

1) All antennas of RSE are tested, and only the worst data is presented.

---End of Attachment---