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# Appendix B.22

## LTE Band 43



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### 1. Effective (Isotropic) Radiated Power Output Data

#### 1.1 B43\_5MHz\_EIRP

##### 1.1.1 Test Result

Band: 43 / Bandwidth: 5MHz / NTNv										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3602.5	1	0	21.56	1.00	22.56	23.00	Pass		
			13	21.64	1.00	22.64	23.00	Pass		
			24	21.61	1.00	22.61	23.00	Pass		
		12	0	20.69	1.00	21.69	23.00	Pass		
			6	20.69	1.00	21.69	23.00	Pass		
			13	20.7	1.00	21.7	23.00	Pass		
		25	0	20.69	1.00	21.69	23.00	Pass		
		3650	1	0	21.85	1.00	22.85	23.00	Pass	
				13	21.97	1.00	22.97	23.00	Pass	
	24			21.76	1.00	22.76	23.00	Pass		
	12		0	20.96	1.00	21.96	23.00	Pass		
			6	20.84	1.00	21.84	23.00	Pass		
			13	20.83	1.00	21.83	23.00	Pass		
	25		0	20.85	1.00	21.85	23.00	Pass		
	3697.5		1	0	21.6	1.00	22.6	23.00	Pass	
				13	21.63	1.00	22.63	23.00	Pass	
		24		21.61	1.00	22.61	23.00	Pass		
		12	0	20.63	1.00	21.63	23.00	Pass		
			6	20.69	1.00	21.69	23.00	Pass		
			13	20.68	1.00	21.68	23.00	Pass		
		25	0	20.67	1.00	21.67	23.00	Pass		
		16QAM	3602.5	1	0	20.96	1.00	21.96	23.00	Pass
					13	21.06	1.00	22.06	23.00	Pass
	24				20.97	1.00	21.97	23.00	Pass	
12	0			19.71	1.00	20.71	23.00	Pass		
	6			19.73	1.00	20.73	23.00	Pass		
	13			19.76	1.00	20.76	23.00	Pass		
25	0			19.69	1.00	20.69	23.00	Pass		
3650	1			0	21.09	1.00	22.09	23.00	Pass	
				13	21.19	1.00	22.19	23.00	Pass	
			24	20.99	1.00	21.99	23.00	Pass		
	12		0	20.02	1.00	21.02	23.00	Pass		
			6	19.71	1.00	20.71	23.00	Pass		
			13	19.68	1.00	20.68	23.00	Pass		
	25		0	19.89	1.00	20.89	23.00	Pass		
	3697.5		1	0	20.86	1.00	21.86	23.00	Pass	
				13	20.76	1.00	21.76	23.00	Pass	
24				20.89	1.00	21.89	23.00	Pass		
12			0	19.76	1.00	20.76	23.00	Pass		
			6	19.76	1.00	20.76	23.00	Pass		



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		13	19.74	1.00	20.74	23.00	Pass
	25	0	19.75	1.00	20.75	23.00	Pass

Note1: EIRP=Conducted Power+Antenna Gain

### 1.3 B43\_10MHz\_EIRP

#### 1.3.1 Test Result

Band: 43 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3605	1	0	21.69	1.00	22.69	23.00	Pass		
			25	21.68	1.00	22.68	23.00	Pass		
			49	21.75	1.00	22.75	23.00	Pass		
		25	0	20.78	1.00	21.78	23.00	Pass		
			13	20.85	1.00	21.85	23.00	Pass		
			25	20.8	1.00	21.8	23.00	Pass		
	3650	1	0	20.78	1.00	21.78	23.00	Pass		
			25	20.8	1.00	21.8	23.00	Pass		
			49	21.86	1.00	22.86	23.00	Pass		
		25	0	21.98	1.00	22.98	23.00	Pass		
			13	21.82	1.00	22.82	23.00	Pass		
			25	21.01	1.00	22.01	23.00	Pass		
		50	0	20.92	1.00	21.92	23.00	Pass		
			13	20.93	1.00	21.93	23.00	Pass		
			25	20.94	1.00	21.94	23.00	Pass		
		3695	1	0	21.72	1.00	22.72	23.00	Pass	
				25	21.71	1.00	22.71	23.00	Pass	
				49	21.75	1.00	22.75	23.00	Pass	
			25	0	20.8	1.00	21.8	23.00	Pass	
				13	20.79	1.00	21.79	23.00	Pass	
				25	20.77	1.00	21.77	23.00	Pass	
		16QAM	3605	1	0	20.98	1.00	21.98	23.00	Pass
					25	20.96	1.00	21.96	23.00	Pass
					49	21.01	1.00	22.01	23.00	Pass
25	0			19.78	1.00	20.78	23.00	Pass		
	13			19.89	1.00	20.89	23.00	Pass		
	25			19.84	1.00	20.84	23.00	Pass		
3650	1		0	19.86	1.00	20.86	23.00	Pass		
			25	21.23	1.00	22.23	23.00	Pass		
			49	21.24	1.00	22.24	23.00	Pass		
	25		0	21.11	1.00	22.11	23.00	Pass		
			13	20.07	1.00	21.07	23.00	Pass		
			25	19.99	1.00	20.99	23.00	Pass		
3695	1	0	19.97	1.00	20.97	23.00	Pass			
		13	19.98	1.00	20.98	23.00	Pass			
		25	20.93	1.00	21.93	23.00	Pass			
			25	20.95	1.00	21.95	23.00	Pass		



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		49	20.99	1.00	21.99	23.00	Pass
		0	19.82	1.00	20.82	23.00	Pass
	25	13	19.83	1.00	20.83	23.00	Pass
		25	19.82	1.00	20.82	23.00	Pass
	50	0	19.84	1.00	20.84	23.00	Pass

Note1: EIRP=Conducted Power+Antenna Gain

## 1.5 B43\_15MHz\_EIRP

### 1.5.1 Test Result

Band: 43 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	3607.5	1	0	21.66	1.00	22.66	23.00	Pass
			38	21.76	1.00	22.76	23.00	Pass
			74	21.86	1.00	22.86	23.00	Pass
		36	0	20.7	1.00	21.7	23.00	Pass
			18	20.78	1.00	21.78	23.00	Pass
			39	20.43	1.00	21.43	23.00	Pass
		75	0	20.72	1.00	21.72	23.00	Pass
			38	21.89	1.00	22.89	23.00	Pass
			74	21.98	1.00	22.98	23.00	Pass
	3650	1	0	20.93	1.00	21.93	23.00	Pass
			18	20.87	1.00	21.87	23.00	Pass
			39	20.86	1.00	21.86	23.00	Pass
		36	0	20.85	1.00	21.85	23.00	Pass
			18	20.85	1.00	21.85	23.00	Pass
			39	20.85	1.00	21.85	23.00	Pass
		75	0	20.85	1.00	21.85	23.00	Pass
			38	21.6	1.00	22.6	23.00	Pass
			74	21.7	1.00	22.7	23.00	Pass
	3692.5	1	0	21.75	1.00	22.75	23.00	Pass
			38	21.7	1.00	22.7	23.00	Pass
			74	21.75	1.00	22.75	23.00	Pass
		36	0	20.67	1.00	21.67	23.00	Pass
			18	20.71	1.00	21.71	23.00	Pass
			39	20.71	1.00	21.71	23.00	Pass
75		0	20.71	1.00	21.71	23.00	Pass	
		38	21.6	1.00	22.6	23.00	Pass	
		74	21.7	1.00	22.7	23.00	Pass	
16QAM	3607.5	1	0	20.9	1.00	21.9	23.00	Pass
			38	20.95	1.00	21.95	23.00	Pass
			74	21.05	1.00	22.05	23.00	Pass
		36	0	19.67	1.00	20.67	23.00	Pass
			18	19.78	1.00	20.78	23.00	Pass
			39	19.8	1.00	20.8	23.00	Pass
		75	0	19.81	1.00	20.81	23.00	Pass
			38	21.12	1.00	22.12	23.00	Pass
			74	21.18	1.00	22.18	23.00	Pass
	3650	1	0	21.09	1.00	22.09	23.00	Pass
			18	19.95	1.00	20.95	23.00	Pass
			39	19.87	1.00	20.87	23.00	Pass
		36	0	19.88	1.00	20.88	23.00	Pass
			18	19.87	1.00	20.87	23.00	Pass
			39	19.88	1.00	20.88	23.00	Pass



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3692.5	75	0	19.91	1.00	20.91	23.00	Pass	
		1	0	20.63	1.00	21.63	23.00	Pass
			38	20.91	1.00	21.91	23.00	Pass
	36	74	20.76	1.00	21.76	23.00	Pass	
		0	19.69	1.00	20.69	23.00	Pass	
		18	19.72	1.00	20.72	23.00	Pass	
		39	19.73	1.00	20.73	23.00	Pass	
	75	0	19.76	1.00	20.76	23.00	Pass	

Note1: EIRP=Conducted Power+Antenna Gain

### 1.7 B43\_20MHz\_EIRP

#### 1.7.1 Test Result

Band: 43 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3610	1	0	21.57	1.00	22.57	23.00	Pass		
			50	21.61	1.00	22.61	23.00	Pass		
			99	21.88	1.00	22.88	23.00	Pass		
		50	0	20.77	1.00	21.77	23.00	Pass		
			25	20.85	1.00	21.85	23.00	Pass		
			50	20.88	1.00	21.88	23.00	Pass		
		100	0	20.84	1.00	21.84	23.00	Pass		
		3650	1	0	21.8	1.00	22.8	23.00	Pass	
				50	21.98	1.00	22.98	23.00	Pass	
	99			21.86	1.00	22.86	23.00	Pass		
	50		0	20.95	1.00	21.95	23.00	Pass		
			25	20.94	1.00	21.94	23.00	Pass		
			50	20.96	1.00	21.96	23.00	Pass		
	100	0	20.93	1.00	21.93	23.00	Pass			
	3690	1	0	21.7	1.00	22.7	23.00	Pass		
			50	21.75	1.00	22.75	23.00	Pass		
			99	21.8	1.00	22.8	23.00	Pass		
		50	0	20.74	1.00	21.74	23.00	Pass		
			25	20.8	1.00	21.8	23.00	Pass		
			50	20.81	1.00	21.81	23.00	Pass		
		100	0	20.79	1.00	21.79	23.00	Pass		
		16QAM	3610	1	0	20.9	1.00	21.9	23.00	Pass
					50	21.06	1.00	22.06	23.00	Pass
	99				21.19	1.00	22.19	23.00	Pass	
50	0			19.86	1.00	20.86	23.00	Pass		
	25			19.93	1.00	20.93	23.00	Pass		
	50			19.96	1.00	20.96	23.00	Pass		
100	0		19.87	1.00	20.87	23.00	Pass			
3650	1		0	21.12	1.00	22.12	23.00	Pass		
			50	21.25	1.00	22.25	23.00	Pass		
			99	21.09	1.00	22.09	23.00	Pass		



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	50	0	20.06	1.00	21.06	23.00	Pass	
		25	19.44	1.00	20.44	23.00	Pass	
		50	20.03	1.00	21.03	23.00	Pass	
	100	0	19.98	1.00	20.98	23.00	Pass	
		1	0	20.89	1.00	21.89	23.00	Pass
			50	20.96	1.00	21.96	23.00	Pass
	99		21.04	1.00	22.04	23.00	Pass	
	3690	50	0	19.84	1.00	20.84	23.00	Pass
			25	19.89	1.00	20.89	23.00	Pass
			50	19.9	1.00	20.9	23.00	Pass
		100	0	19.85	1.00	20.85	23.00	Pass

Note 1: EIRP=Conducted Power+Antenna Gain



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## 2. Frequency Stability

### 2.1 B43\_5MHz

#### 2.1.1 Test Result

Band: 43 / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3602.5	25	0	20	3.135	-5.000	-0.0014	-2.5 to 2.5	Pass	
					3.7	4.000	0.0011	-2.5 to 2.5	Pass	
					4.4	-5.400	-0.0015	-2.5 to 2.5	Pass	
				-30	3.7	-0.700	-0.0002	-2.5 to 2.5	Pass	
					-20	3.7	3.300	0.0009	-2.5 to 2.5	Pass
					-10	3.7	-1.600	-0.0004	-2.5 to 2.5	Pass
				0	3.7	-3.600	-0.0010	-2.5 to 2.5	Pass	
					10	3.7	0.500	0.0001	-2.5 to 2.5	Pass
					30	3.7	8.800	0.0024	-2.5 to 2.5	Pass
	40	3.7	-1.400		-0.0004	-2.5 to 2.5	Pass			
	50	3.7	-3.700		-0.0010	-2.5 to 2.5	Pass			
	3650	25	0		20	3.135	6.600	0.0018	-2.5 to 2.5	Pass
	3.7			5.100		0.0014	-2.5 to 2.5	Pass		
	4.4			5.700		0.0016	-2.5 to 2.5	Pass		
	-30			3.7	-5.500	-0.0015	-2.5 to 2.5	Pass		
				-20	3.7	4.800	0.0013	-2.5 to 2.5	Pass	
				-10	3.7	-3.200	-0.0009	-2.5 to 2.5	Pass	
	0			3.7	5.300	0.0015	-2.5 to 2.5	Pass		
				10	3.7	6.600	0.0018	-2.5 to 2.5	Pass	
				30	3.7	5.100	0.0014	-2.5 to 2.5	Pass	
		40	3.7	1.900	0.0005	-2.5 to 2.5	Pass			
		50	3.7	-5.200	-0.0014	-2.5 to 2.5	Pass			
		3697.5	25	0	20	3.135	-1.400	-0.0004	-2.5 to 2.5	Pass
	3.7					-0.500	-0.0001	-2.5 to 2.5	Pass	
	4.4					12.500	0.0034	-2.5 to 2.5	Pass	
	-30				3.7	1.500	0.0004	-2.5 to 2.5	Pass	
					-20	3.7	-7.100	-0.0019	-2.5 to 2.5	Pass
-10					3.7	0.900	0.0002	-2.5 to 2.5	Pass	
0	3.7				1.400	0.0004	-2.5 to 2.5	Pass		
	10				3.7	0.600	0.0002	-2.5 to 2.5	Pass	
	30				3.7	-4.200	-0.0011	-2.5 to 2.5	Pass	
	40	3.7	-2.800	-0.0008	-2.5 to 2.5	Pass				
	50	3.7	-1.900	-0.0005	-2.5 to 2.5	Pass				
	16QAM	3602.5	25	0	20	3.135	1.800	0.0005	-2.5 to 2.5	Pass
3.7						3.100	0.0009	-2.5 to 2.5	Pass	
4.4						3.800	0.0011	-2.5 to 2.5	Pass	
-30					3.7	8.500	0.0024	-2.5 to 2.5	Pass	



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				-20	3.7	2.100	0.0006	-2.5 to 2.5	Pass
				-10	3.7	-6.500	-0.0018	-2.5 to 2.5	Pass
				0	3.7	4.900	0.0014	-2.5 to 2.5	Pass
				10	3.7	-6.000	-0.0017	-2.5 to 2.5	Pass
				30	3.7	1.500	0.0004	-2.5 to 2.5	Pass
				40	3.7	2.400	0.0007	-2.5 to 2.5	Pass
	3650	25	0	50	3.7	-2.200	-0.0006	-2.5 to 2.5	Pass
				20	3.135	-0.100	0.0000	-2.5 to 2.5	Pass
					3.7	-0.800	-0.0002	-2.5 to 2.5	Pass
					4.4	1.900	0.0005	-2.5 to 2.5	Pass
				-30	3.7	-2.700	-0.0007	-2.5 to 2.5	Pass
				-20	3.7	5.100	0.0014	-2.5 to 2.5	Pass
				-10	3.7	2.900	0.0008	-2.5 to 2.5	Pass
				0	3.7	-2.200	-0.0006	-2.5 to 2.5	Pass
				10	3.7	5.400	0.0015	-2.5 to 2.5	Pass
				30	3.7	1.900	0.0005	-2.5 to 2.5	Pass
				40	3.7	-2.600	-0.0007	-2.5 to 2.5	Pass
				50	3.7	3.700	0.0010	-2.5 to 2.5	Pass
	3697.5	25	0	20	3.135	-3.700	-0.0010	-2.5 to 2.5	Pass
					3.7	12.300	0.0033	-2.5 to 2.5	Pass
					4.4	-5.600	-0.0015	-2.5 to 2.5	Pass
				-30	3.7	0.400	0.0001	-2.5 to 2.5	Pass
				-20	3.7	-1.900	-0.0005	-2.5 to 2.5	Pass
				-10	3.7	-3.200	-0.0009	-2.5 to 2.5	Pass
0				3.7	-1.300	-0.0004	-2.5 to 2.5	Pass	
10				3.7	2.700	0.0007	-2.5 to 2.5	Pass	
30				3.7	6.900	0.0019	-2.5 to 2.5	Pass	
40				3.7	-6.200	-0.0017	-2.5 to 2.5	Pass	
50				3.7	-4.500	-0.0012	-2.5 to 2.5	Pass	

2.2 B43\_10MHz

2.2.1 Test Result

Band: 43 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3605	50	0	20	3.135	2.000	0.0006	-2.5 to 2.5	Pass
					3.7	-0.300	-0.0001	-2.5 to 2.5	Pass
					4.4	-5.600	-0.0016	-2.5 to 2.5	Pass
				-30	3.7	5.000	0.0014	-2.5 to 2.5	Pass
				-20	3.7	-0.800	-0.0002	-2.5 to 2.5	Pass
				-10	3.7	-5.800	-0.0016	-2.5 to 2.5	Pass
				0	3.7	1.700	0.0005	-2.5 to 2.5	Pass
				10	3.7	-5.700	-0.0016	-2.5 to 2.5	Pass
				30	3.7	-0.700	-0.0002	-2.5 to 2.5	Pass
				40	3.7	0.800	0.0002	-2.5 to 2.5	Pass
50	3.7	3.100	0.0009	-2.5 to 2.5	Pass				



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3650	50	0	20	3.135	2.500	0.0007	-2.5 to 2.5	Pass							
				3.7	-0.300	-0.0001	-2.5 to 2.5	Pass							
				4.4	-0.300	-0.0001	-2.5 to 2.5	Pass							
			-30	3.7	8.200	0.0022	-2.5 to 2.5	Pass							
									-20	3.7	-8.300	-0.0023	-2.5 to 2.5	Pass	
															-10
			0	3.7	-0.900	-0.0002	-2.5 to 2.5	Pass							
									10	3.7	7.100	0.0019	-2.5 to 2.5	Pass	
															30
	40	3.7	-4.300	-0.0012	-2.5 to 2.5	Pass									
							50	3.7	-5.500	-0.0015	-2.5 to 2.5	Pass			
													3.135	-2.900	-0.0008
	3695	50	0	20	3.7	-7.100	-0.0019	-2.5 to 2.5	Pass						
					4.4	5.100	0.0014	-2.5 to 2.5	Pass						
					-30	3.7	-8.100	-0.0022	-2.5 to 2.5	Pass					
				-20	3.7	1.100	0.0003	-2.5 to 2.5	Pass						
										-10	3.7	8.000	0.0022	-2.5 to 2.5	Pass
10				3.7	-0.300	-0.0001	-2.5 to 2.5	Pass							
									30	3.7	-0.400	-0.0001	-2.5 to 2.5	Pass	
															40
50	3.7	10.200	0.0028	-2.5 to 2.5	Pass										
						3605	50	0	20	3.135	-5.700	-0.0016	-2.5 to 2.5	Pass	
										3.7	-10.300	-0.0029	-2.5 to 2.5	Pass	
4.4	2.000	0.0006	-2.5 to 2.5	Pass											
-30	3.7	-4.800	-0.0013	-2.5 to 2.5	Pass										
									-20	3.7	6.200	0.0017	-2.5 to 2.5	Pass	
															-10
0	3.7	-1.700	-0.0005	-2.5 to 2.5	Pass										
									10	3.7	-3.200	-0.0009	-2.5 to 2.5	Pass	
															30
40	3.7	-12.300	-0.0034	-2.5 to 2.5	Pass										
						50	3.7	0.000	0.0000	-2.5 to 2.5	Pass				
												3.135	2.700	0.0007	-2.5 to 2.5
16QAM	50	0	20	3.7	-6.200	-0.0017	-2.5 to 2.5	Pass							
				4.4	-0.900	-0.0002	-2.5 to 2.5	Pass							
				-30	3.7	-3.300	-0.0009	-2.5 to 2.5	Pass						
			-20	3.7	-1.300	-0.0004	-2.5 to 2.5	Pass							
									-10	3.7	2.500	0.0007	-2.5 to 2.5	Pass	
															0
			10	3.7	-1.500	-0.0004	-2.5 to 2.5	Pass							
									30	3.7	-11.800	-0.0032	-2.5 to 2.5	Pass	
															40
50	3.7	-3.000	-0.0008	-2.5 to 2.5	Pass										
						3695	50	0	20	3.135	1.200	0.0003	-2.5 to 2.5	Pass	
										3.7	5.000	0.0014	-2.5 to 2.5	Pass	
4.4	1.400	0.0004	-2.5 to 2.5	Pass											
-30	3.7	-5.000	-0.0014	-2.5 to 2.5	Pass										
									-20	3.7	7.600	0.0021	-2.5 to 2.5	Pass	
															-10



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			0	3.7	-7.600	-0.0021	-2.5 to 2.5	Pass
			10	3.7	4.300	0.0012	-2.5 to 2.5	Pass
			30	3.7	12.800	0.0035	-2.5 to 2.5	Pass
			40	3.7	-2.100	-0.0006	-2.5 to 2.5	Pass
			50	3.7	-0.200	-0.0001	-2.5 to 2.5	Pass

2.3 B43\_15MHz

2.3.1 Test Result

Band: 43 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3607.5	75	0	20	3.135	3.000	0.0008	-2.5 to 2.5	Pass	
					3.7	-5.000	-0.0014	-2.5 to 2.5	Pass	
					4.4	4.500	0.0012	-2.5 to 2.5	Pass	
					-30	3.7	-7.000	-0.0019	-2.5 to 2.5	Pass
					-20	3.7	0.600	0.0002	-2.5 to 2.5	Pass
					-10	3.7	-1.500	-0.0004	-2.5 to 2.5	Pass
					0	3.7	2.500	0.0007	-2.5 to 2.5	Pass
					10	3.7	-2.000	-0.0006	-2.5 to 2.5	Pass
					30	3.7	5.500	0.0015	-2.5 to 2.5	Pass
	40	3.7	-2.900	-0.0008	-2.5 to 2.5	Pass				
	50	3.7	-2.600	-0.0007	-2.5 to 2.5	Pass				
	3650	75	0	20	3.135	9.100	0.0025	-2.5 to 2.5	Pass	
					3.7	-5.500	-0.0015	-2.5 to 2.5	Pass	
					4.4	1.300	0.0004	-2.5 to 2.5	Pass	
					-30	3.7	-4.300	-0.0012	-2.5 to 2.5	Pass
					-20	3.7	-0.600	-0.0002	-2.5 to 2.5	Pass
					-10	3.7	0.500	0.0001	-2.5 to 2.5	Pass
					0	3.7	2.800	0.0008	-2.5 to 2.5	Pass
					10	3.7	-6.300	-0.0017	-2.5 to 2.5	Pass
					30	3.7	3.700	0.0010	-2.5 to 2.5	Pass
	40	3.7	2.700	0.0007	-2.5 to 2.5	Pass				
	50	3.7	3.400	0.0009	-2.5 to 2.5	Pass				
	3692.5	75	0	20	3.135	-2.800	-0.0008	-2.5 to 2.5	Pass	
					3.7	-9.700	-0.0026	-2.5 to 2.5	Pass	
					4.4	7.600	0.0021	-2.5 to 2.5	Pass	
					-30	3.7	0.100	0.0000	-2.5 to 2.5	Pass
					-20	3.7	2.000	0.0005	-2.5 to 2.5	Pass
-10					3.7	-7.800	-0.0021	-2.5 to 2.5	Pass	
0					3.7	-0.400	-0.0001	-2.5 to 2.5	Pass	
10					3.7	-0.500	-0.0001	-2.5 to 2.5	Pass	
30					3.7	6.600	0.0018	-2.5 to 2.5	Pass	
40	3.7	-4.900	-0.0013	-2.5 to 2.5	Pass					
50	3.7	8.400	0.0023	-2.5 to 2.5	Pass					
16QAM	3607.5	75	0	20	3.135	9.000	0.0025	-2.5 to 2.5	Pass	
					3.7	-3.900	-0.0011	-2.5 to 2.5	Pass	



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				4.4	2.400	0.0007	-2.5 to 2.5	Pass				
				-30	3.7	-1.700	-0.0005	-2.5 to 2.5	Pass			
				-20	3.7	4.000	0.0011	-2.5 to 2.5	Pass			
				-10	3.7	-3.300	-0.0009	-2.5 to 2.5	Pass			
				0	3.7	0.200	0.0001	-2.5 to 2.5	Pass			
				10	3.7	2.800	0.0008	-2.5 to 2.5	Pass			
				30	3.7	-4.800	-0.0013	-2.5 to 2.5	Pass			
				40	3.7	2.900	0.0008	-2.5 to 2.5	Pass			
				50	3.7	0.700	0.0002	-2.5 to 2.5	Pass			
				3650	75	0	20	3.135	5.800	0.0016	-2.5 to 2.5	Pass
								3.7	0.800	0.0002	-2.5 to 2.5	Pass
								4.4	3.700	0.0010	-2.5 to 2.5	Pass
							-30	3.7	2.700	0.0007	-2.5 to 2.5	Pass
							-20	3.7	0.600	0.0002	-2.5 to 2.5	Pass
							-10	3.7	-5.100	-0.0014	-2.5 to 2.5	Pass
0	3.7	5.500	0.0015				-2.5 to 2.5	Pass				
10	3.7	1.700	0.0005				-2.5 to 2.5	Pass				
30	3.7	6.100	0.0017				-2.5 to 2.5	Pass				
40	3.7	2.800	0.0008				-2.5 to 2.5	Pass				
50	3.7	-1.600	-0.0004	-2.5 to 2.5	Pass							
3692.5	75	0	20	3.135	-1.500	-0.0004	-2.5 to 2.5	Pass				
				3.7	-2.400	-0.0006	-2.5 to 2.5	Pass				
				4.4	10.500	0.0028	-2.5 to 2.5	Pass				
			-30	3.7	-5.300	-0.0014	-2.5 to 2.5	Pass				
			-20	3.7	2.500	0.0007	-2.5 to 2.5	Pass				
			-10	3.7	4.800	0.0013	-2.5 to 2.5	Pass				
			0	3.7	7.100	0.0019	-2.5 to 2.5	Pass				
			10	3.7	4.500	0.0012	-2.5 to 2.5	Pass				
			30	3.7	-1.800	-0.0005	-2.5 to 2.5	Pass				
			40	3.7	6.800	0.0018	-2.5 to 2.5	Pass				
50	3.7	6.900	0.0019	-2.5 to 2.5	Pass							

2.4 B43\_20MHz

2.4.1 Test Result

Band: 43 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	3610	100	0	20	3.135	6.800	0.0019	-2.5 to 2.5	Pass
							-0.0002	-2.5 to 2.5	Pass
							0.0042	-2.5 to 2.5	Pass
							0.0018	-2.5 to 2.5	Pass
							0.0014	-2.5 to 2.5	Pass
							0.0012	-2.5 to 2.5	Pass
							0.0038	-2.5 to 2.5	Pass
							0.0004	-2.5 to 2.5	Pass
							0.0005	-2.5 to 2.5	Pass



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16QAM	3650	100	0	40	3.7	16.400	0.0045	-2.5 to 2.5	Pass
				50	3.7	11.400	0.0032	-2.5 to 2.5	Pass
				20	3.135	-7.300	-0.0020	-2.5 to 2.5	Pass
					3.7	3.200	0.0009	-2.5 to 2.5	Pass
				-30	4.4	2.200	0.0006	-2.5 to 2.5	Pass
					3.7	4.400	0.0012	-2.5 to 2.5	Pass
				-20	3.7	-1.200	-0.0003	-2.5 to 2.5	Pass
				-10	3.7	-3.500	-0.0010	-2.5 to 2.5	Pass
				0	3.7	-0.800	-0.0002	-2.5 to 2.5	Pass
				10	3.7	5.100	0.0014	-2.5 to 2.5	Pass
				30	3.7	1.200	0.0003	-2.5 to 2.5	Pass
				40	3.7	-0.700	-0.0002	-2.5 to 2.5	Pass
	50	3.7	3.800	0.0010	-2.5 to 2.5	Pass			
	3690	100	0	20	3.135	-3.700	-0.0010	-2.5 to 2.5	Pass
					3.7	-0.700	-0.0002	-2.5 to 2.5	Pass
				-30	4.4	6.900	0.0019	-2.5 to 2.5	Pass
					3.7	4.400	0.0012	-2.5 to 2.5	Pass
				-20	3.7	-0.600	-0.0002	-2.5 to 2.5	Pass
				-10	3.7	2.800	0.0008	-2.5 to 2.5	Pass
				0	3.7	-7.800	-0.0021	-2.5 to 2.5	Pass
				10	3.7	-9.100	-0.0025	-2.5 to 2.5	Pass
				30	3.7	-4.600	-0.0012	-2.5 to 2.5	Pass
				40	3.7	2.600	0.0007	-2.5 to 2.5	Pass
				50	3.7	2.900	0.0008	-2.5 to 2.5	Pass
16QAM				3610	100	0	20	3.135	10.500
	3.7	4.500	0.0012					-2.5 to 2.5	Pass
	-30	4.4	-0.600				-0.0002	-2.5 to 2.5	Pass
		3.7	4.300				0.0012	-2.5 to 2.5	Pass
	-20	3.7	3.100				0.0009	-2.5 to 2.5	Pass
	-10	3.7	0.400				0.0001	-2.5 to 2.5	Pass
	0	3.7	2.300				0.0006	-2.5 to 2.5	Pass
	10	3.7	17.400				0.0048	-2.5 to 2.5	Pass
	30	3.7	3.300				0.0009	-2.5 to 2.5	Pass
	40	3.7	-2.200				-0.0006	-2.5 to 2.5	Pass
	50	3.7	-1.900				-0.0005	-2.5 to 2.5	Pass
	3650	100	0				20	3.135	-4.700
				3.7	-1.200	-0.0003		-2.5 to 2.5	Pass
				-30	4.4	-3.900	-0.0011	-2.5 to 2.5	Pass
					3.7	5.100	0.0014	-2.5 to 2.5	Pass
				-20	3.7	-4.600	-0.0013	-2.5 to 2.5	Pass
				-10	3.7	1.100	0.0003	-2.5 to 2.5	Pass
				0	3.7	-1.300	-0.0004	-2.5 to 2.5	Pass
				10	3.7	-0.100	0.0000	-2.5 to 2.5	Pass
				30	3.7	-0.800	-0.0002	-2.5 to 2.5	Pass
				40	3.7	3.600	0.0010	-2.5 to 2.5	Pass
				50	3.7	-3.200	-0.0009	-2.5 to 2.5	Pass
				3690	100	0	20	3.135	3.200
	3.7	-5.900	-0.0016					-2.5 to 2.5	Pass
-30	4.4	0.500	0.0001				-2.5 to 2.5	Pass	
				3.7	6.100	0.0017	-2.5 to 2.5	Pass	



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				-20	3.7	-0.600	-0.0002	-2.5 to 2.5	Pass
				-10	3.7	-0.700	-0.0002	-2.5 to 2.5	Pass
				0	3.7	-3.200	-0.0009	-2.5 to 2.5	Pass
				10	3.7	-4.600	-0.0012	-2.5 to 2.5	Pass
				30	3.7	-5.700	-0.0015	-2.5 to 2.5	Pass
				40	3.7	-3.500	-0.0009	-2.5 to 2.5	Pass
				50	3.7	-9.800	-0.0027	-2.5 to 2.5	Pass



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### 3. 99% & 26dB Bandwidth

#### 3.1 Band43\_OBW

##### 3.1.1 Test Result

Band: 43 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3602.5	25	0	4.514	/	Pass
		3650	25	0	4.516	/	Pass
		3697.5	25	0	4.522	/	Pass
	16QAM	3602.5	25	0	4.506	/	Pass
		3650	25	0	4.516	/	Pass
		3697.5	25	0	4.518	/	Pass
10	QPSK	3605	50	0	8.974	/	Pass
		3650	50	0	8.999	/	Pass
		3695	50	0	8.984	/	Pass
	16QAM	3605	50	0	8.988	/	Pass
		3650	50	0	8.987	/	Pass
		3695	50	0	8.969	/	Pass
15	QPSK	3607.5	75	0	13.503	/	Pass
		3650	75	0	13.485	/	Pass
		3692.5	75	0	13.476	/	Pass
	16QAM	3607.5	75	0	13.504	/	Pass
		3650	75	0	13.494	/	Pass
		3692.5	75	0	13.483	/	Pass
20	QPSK	3610	100	0	18.063	/	Pass
		3650	100	0	18.004	/	Pass
		3690	100	0	18.028	/	Pass
	16QAM	3610	100	0	17.979	/	Pass
		3650	100	0	18.015	/	Pass
		3690	100	0	17.995	/	Pass

### 3.2 Band43\_XDB

#### 3.2.1 Test Result

Band: 43 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3602.5	25	0	5.218	/	Pass
		3650	25	0	5.116	/	Pass
		3697.5	25	0	5.111	/	Pass



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	16QAM	3602.5	25	0	5.069	/	Pass
		3650	25	0	5.152	/	Pass
		3697.5	25	0	4.996	/	Pass
10	QPSK	3605	50	0	9.771	/	Pass
		3650	50	0	9.792	/	Pass
		3695	50	0	9.729	/	Pass
	16QAM	3605	50	0	9.861	/	Pass
		3650	50	0	9.757	/	Pass
		3695	50	0	9.767	/	Pass
15	QPSK	3607.5	75	0	14.920	/	Pass
		3650	75	0	14.605	/	Pass
		3692.5	75	0	14.733	/	Pass
	16QAM	3607.5	75	0	15.219	/	Pass
		3650	75	0	14.717	/	Pass
		3692.5	75	0	14.700	/	Pass
20	QPSK	3610	100	0	19.801	/	Pass
		3650	100	0	19.510	/	Pass
		3690	100	0	19.534	/	Pass
	16QAM	3610	100	0	19.632	/	Pass
		3650	100	0	19.606	/	Pass
		3690	100	0	19.506	/	Pass

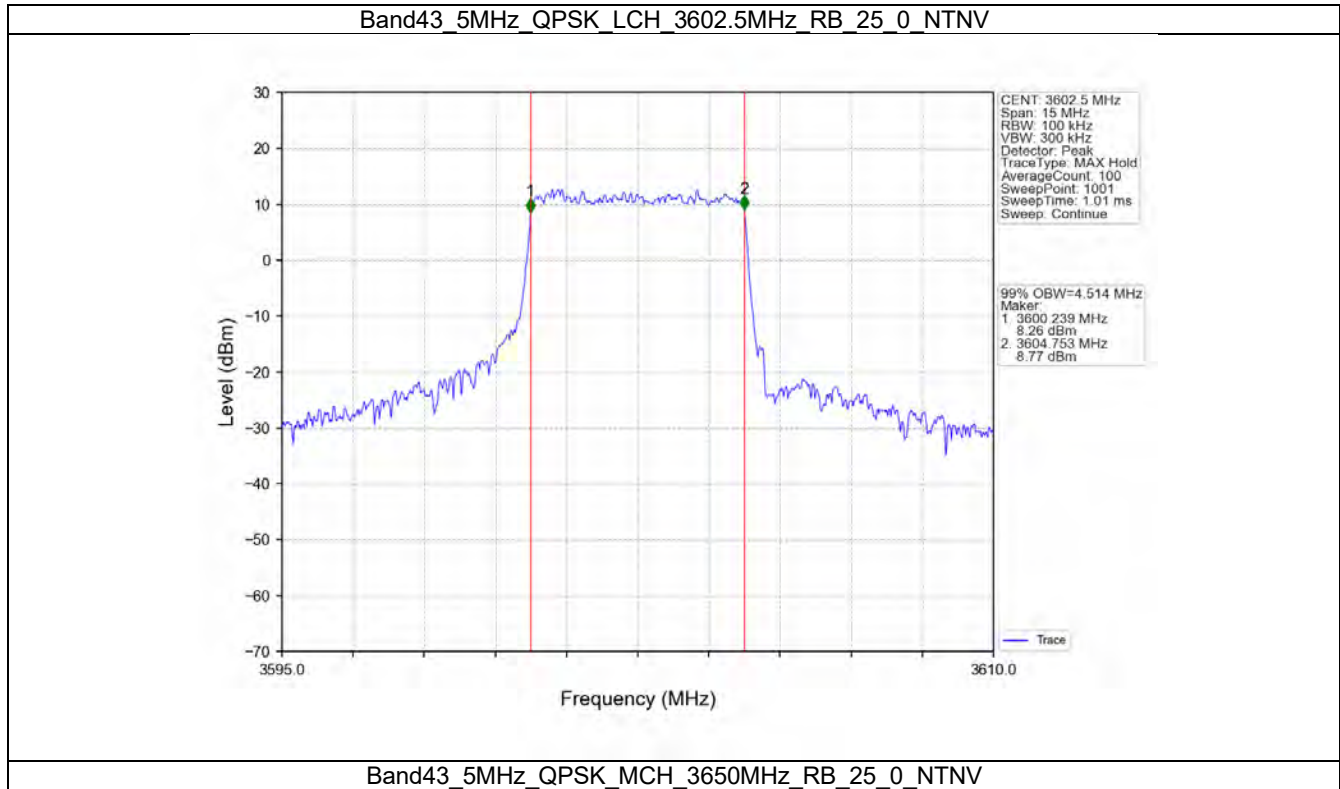


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3.1.2 Test Graph

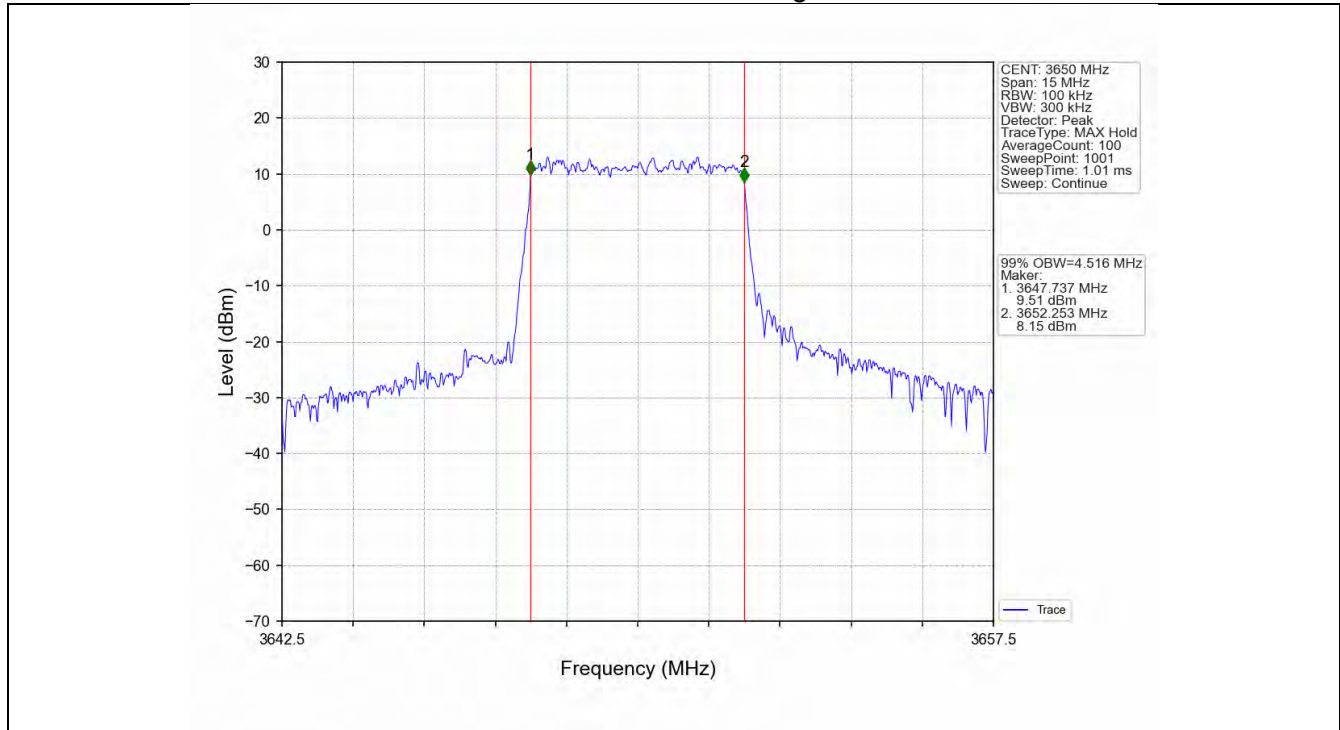


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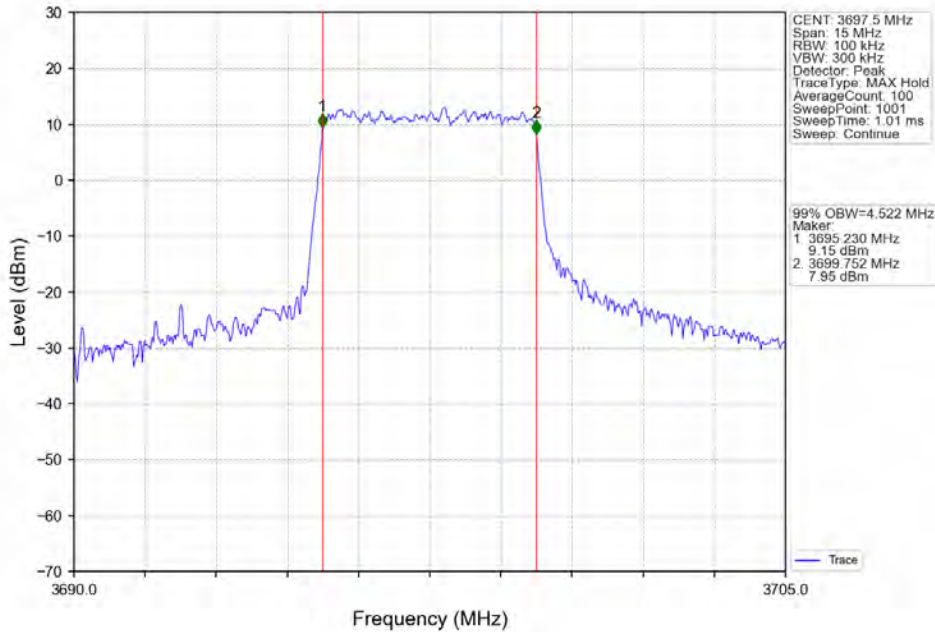
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Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Band43\_5MHz\_16QAM\_LCH\_3602.5MHz\_RB\_25\_0\_NTNV



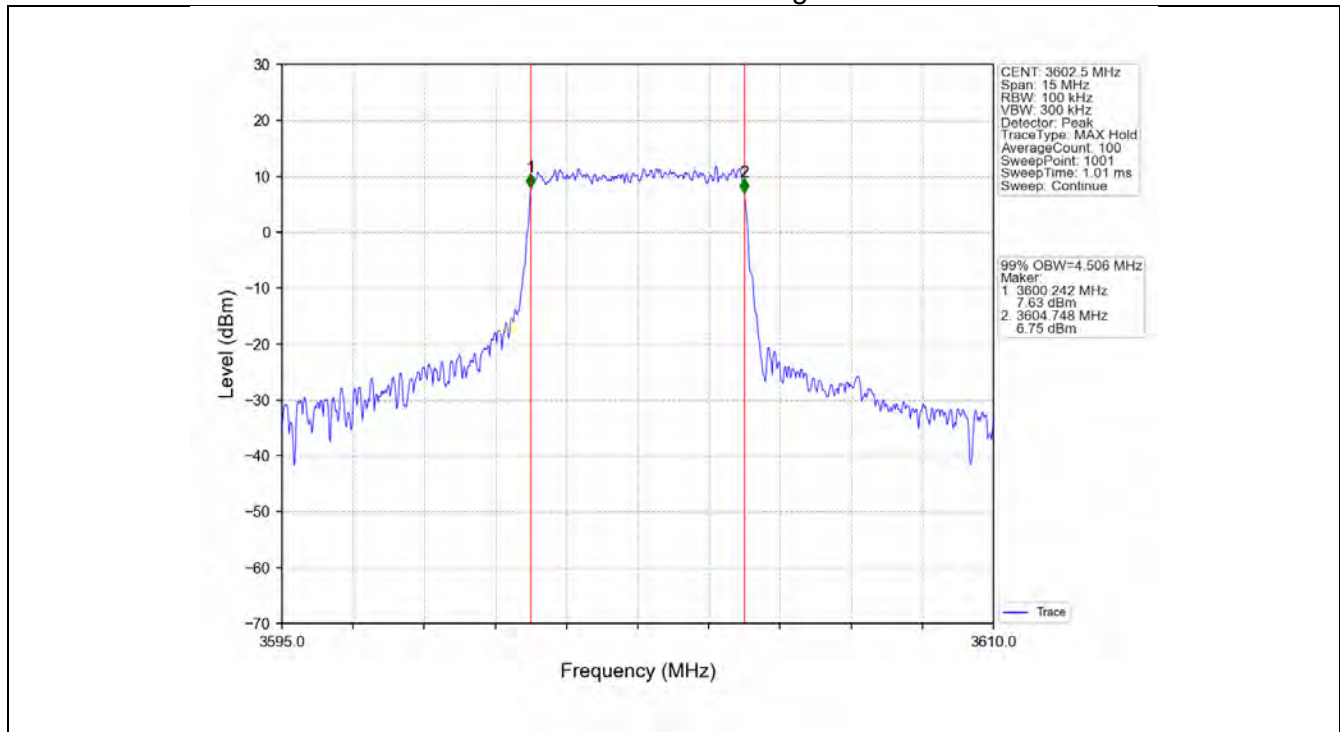
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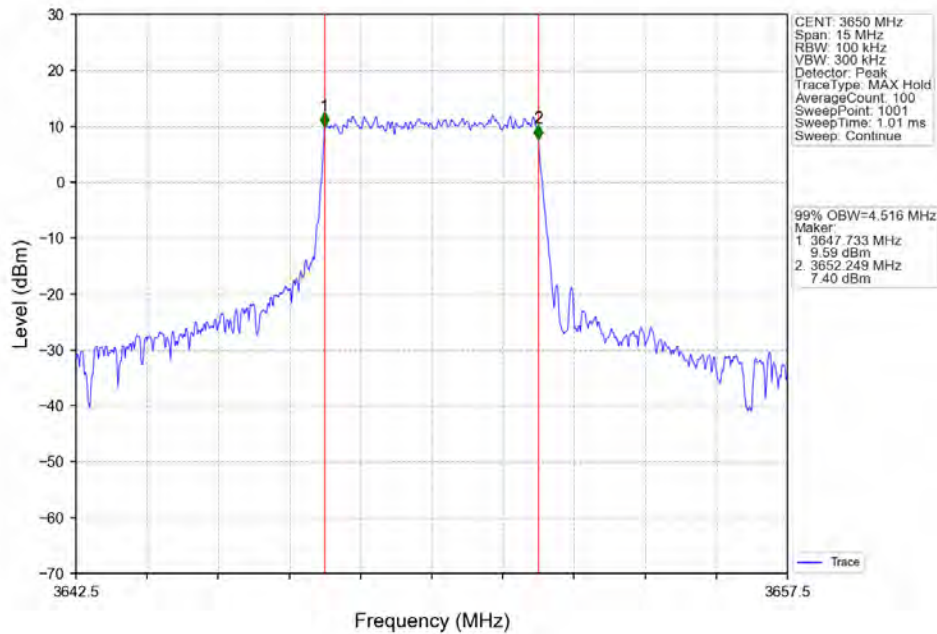
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Band43\_5MHz\_16QAM\_MCH\_3650MHz\_RB\_25\_0\_NTNV



Band43\_5MHz\_16QAM\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



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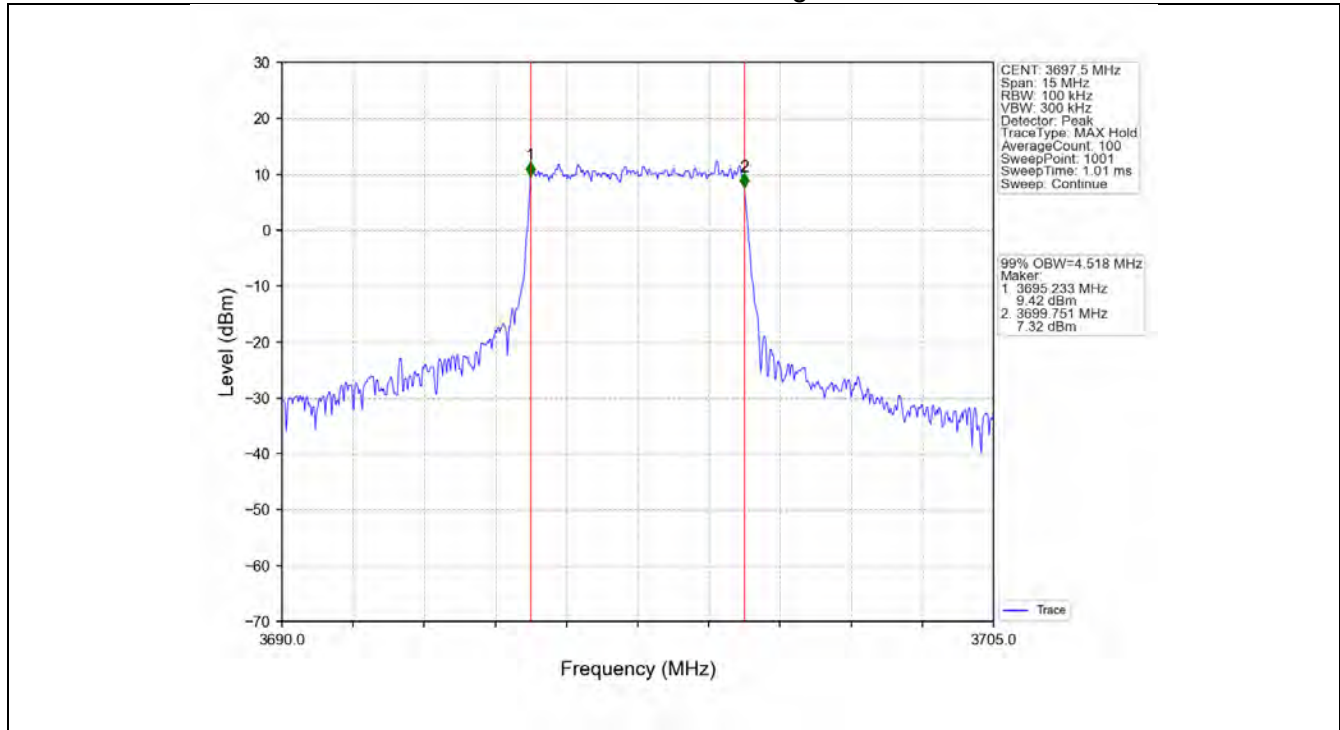
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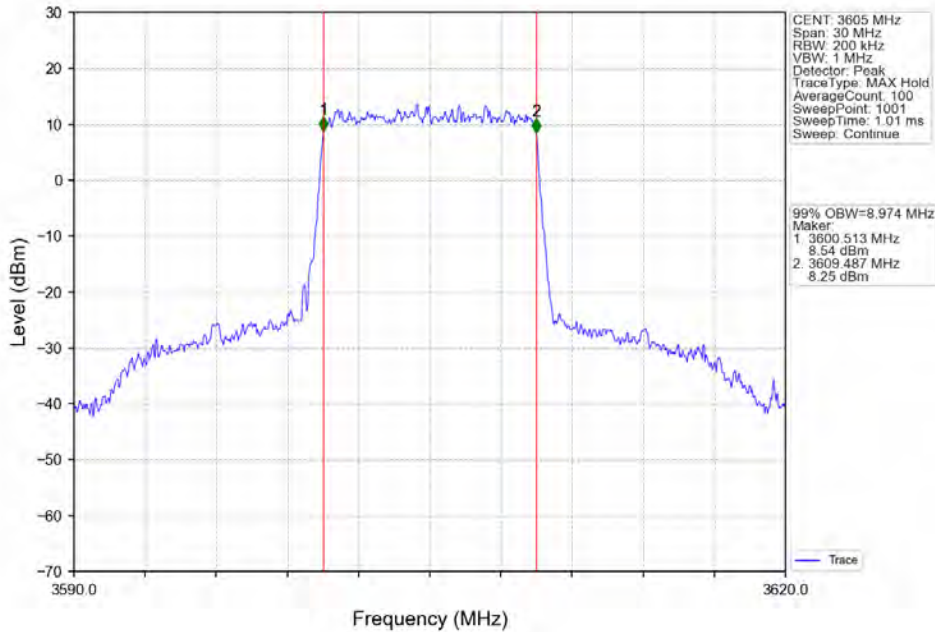


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Band43\_10MHz\_QPSK\_LCH\_3605MHz\_RB\_50\_0\_NTNV



Band43\_10MHz\_QPSK\_MCH\_3650MHz\_RB\_50\_0\_NTNV



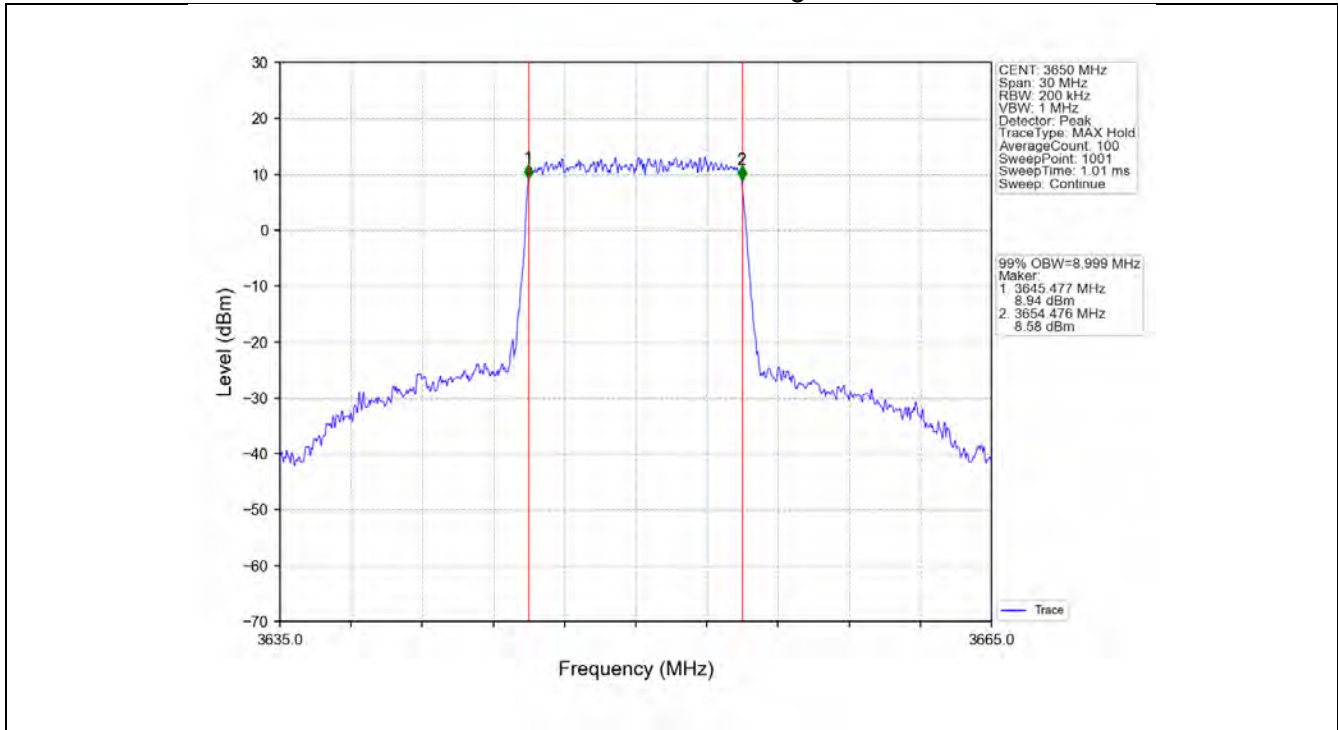
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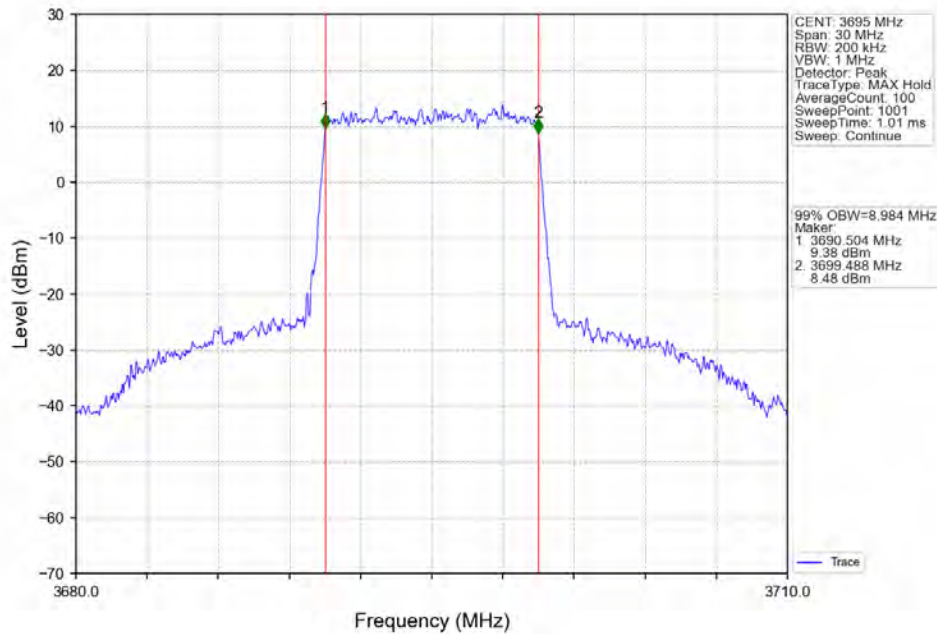


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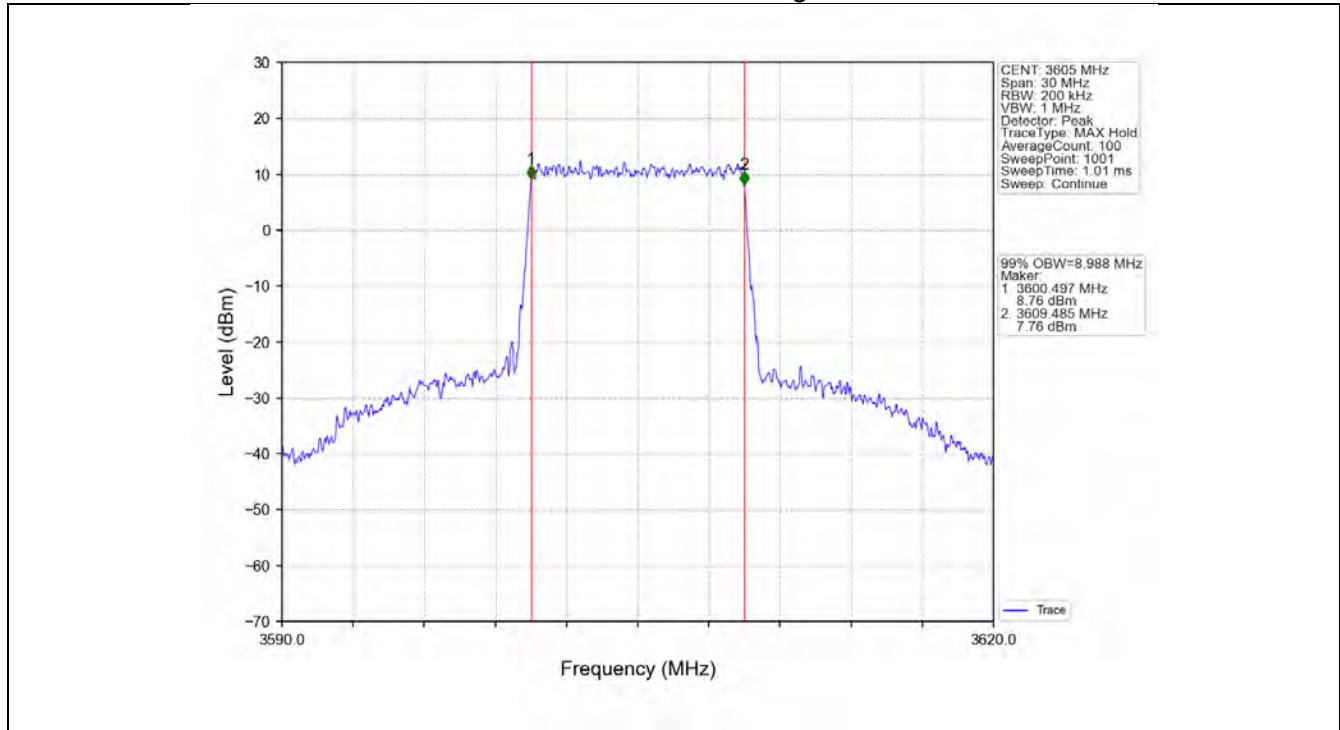
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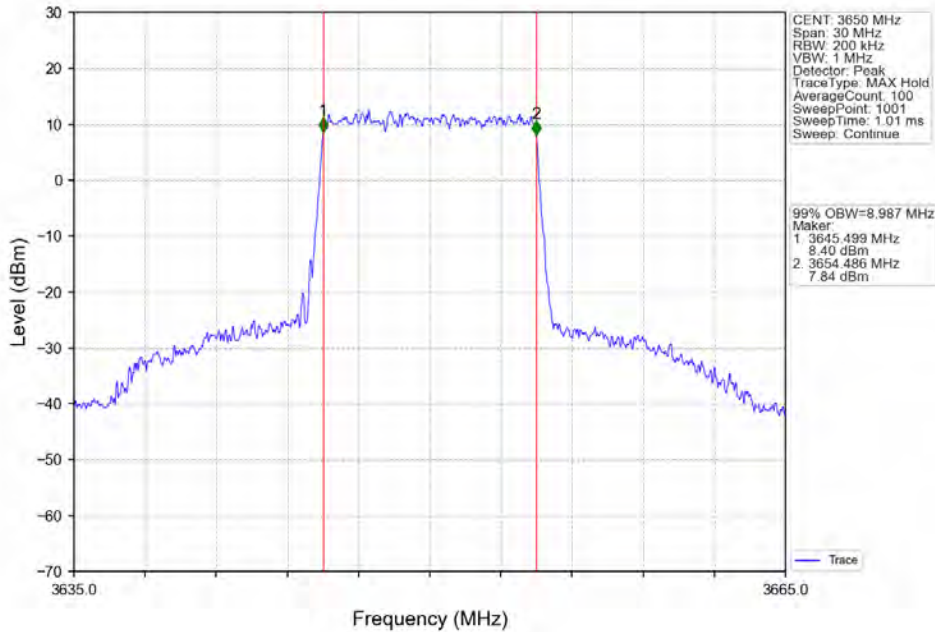


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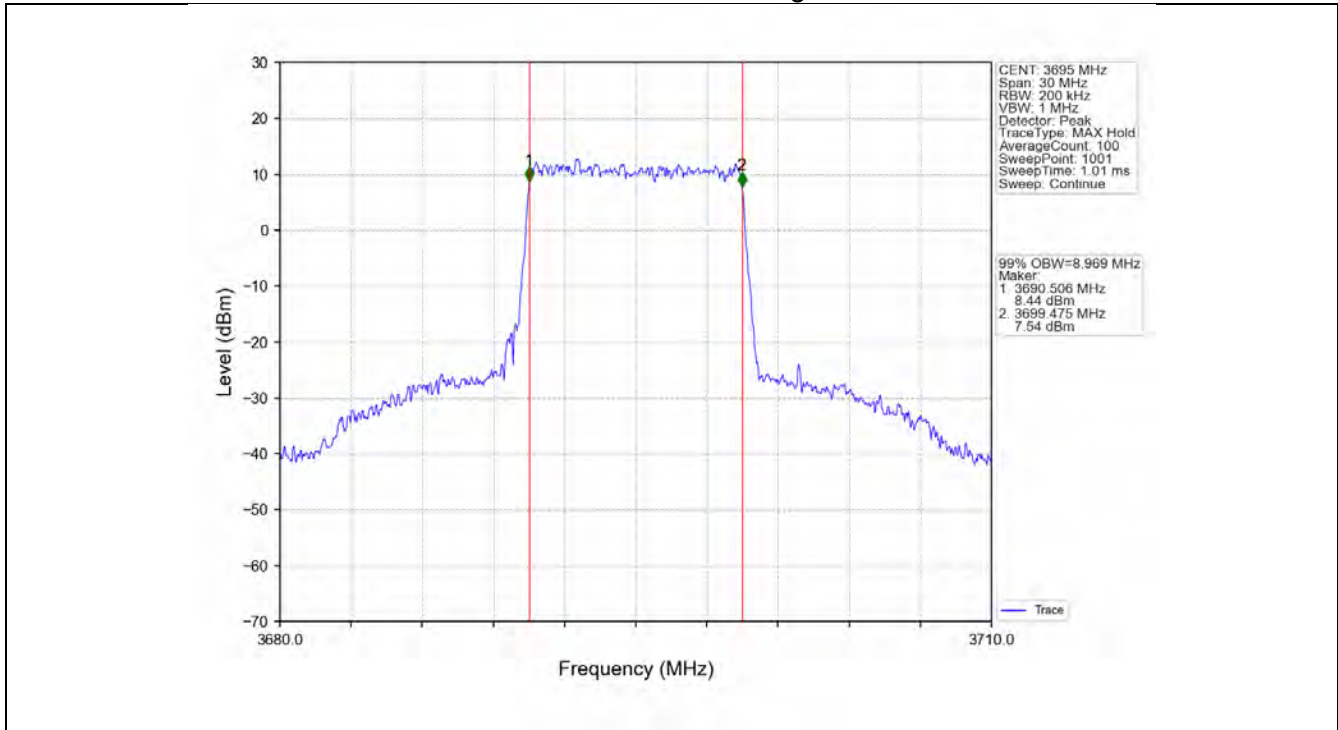
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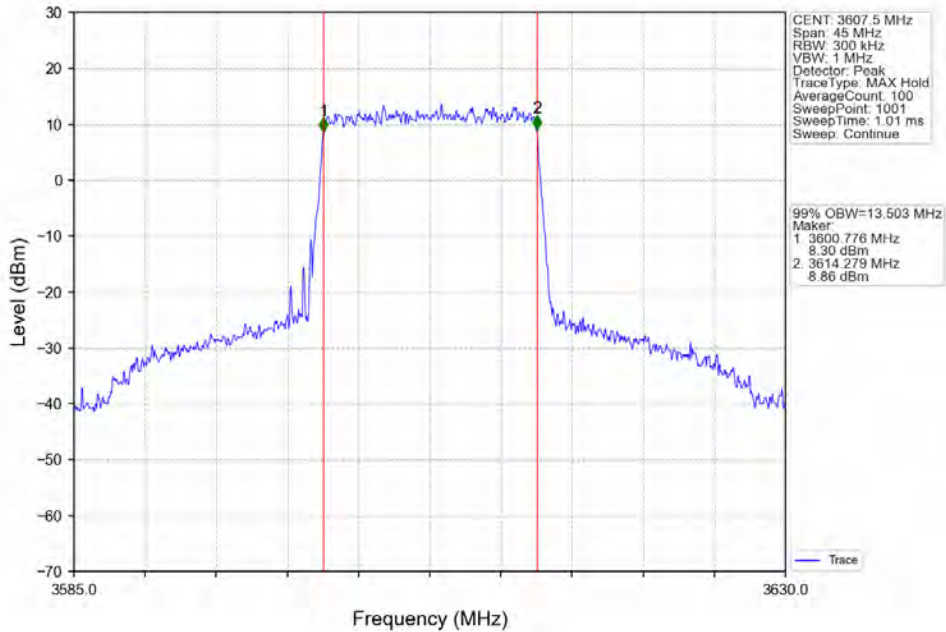


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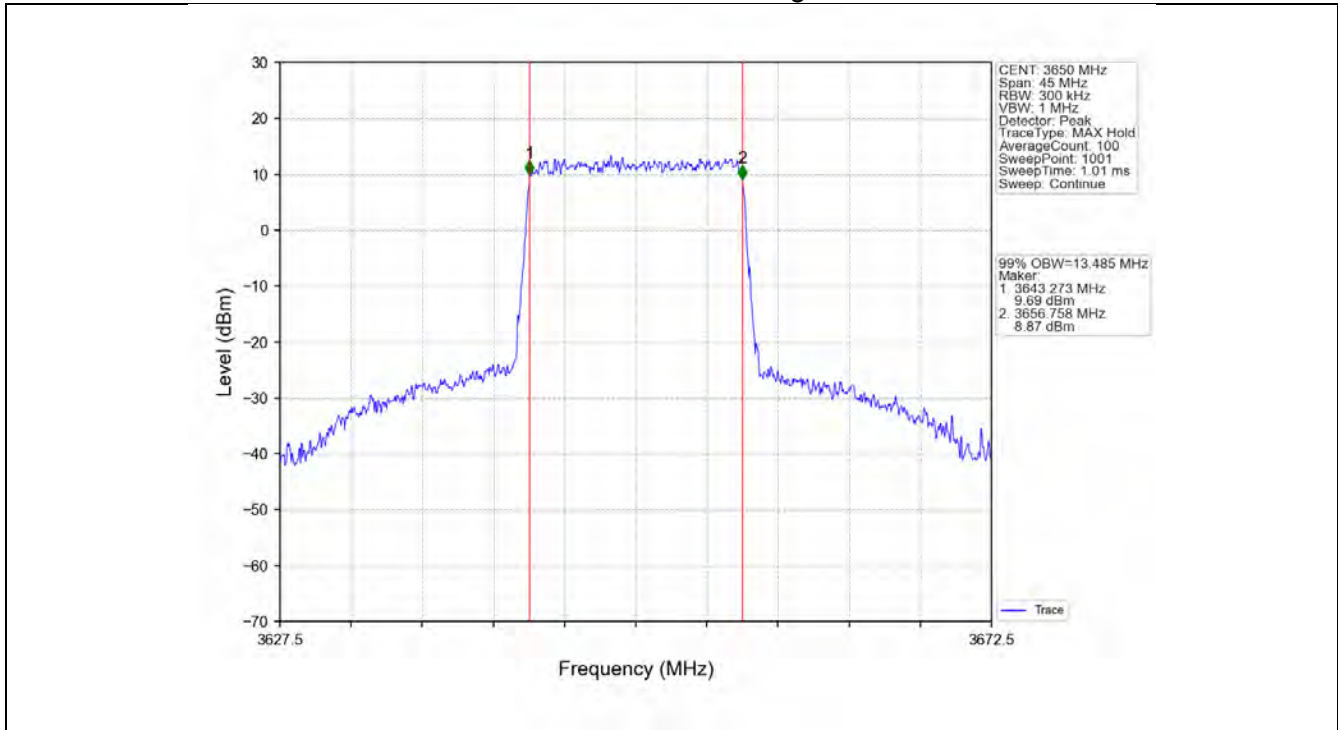


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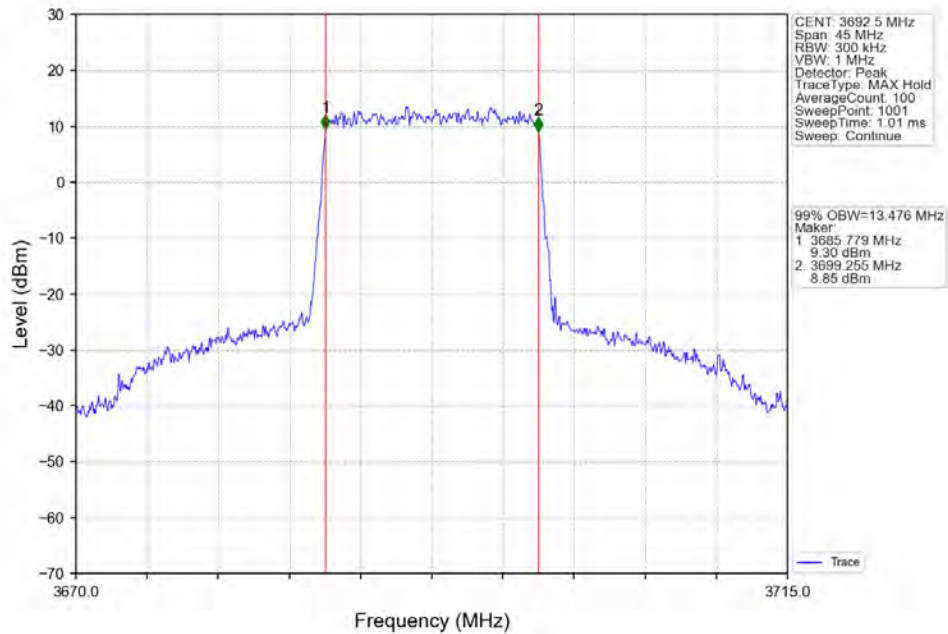
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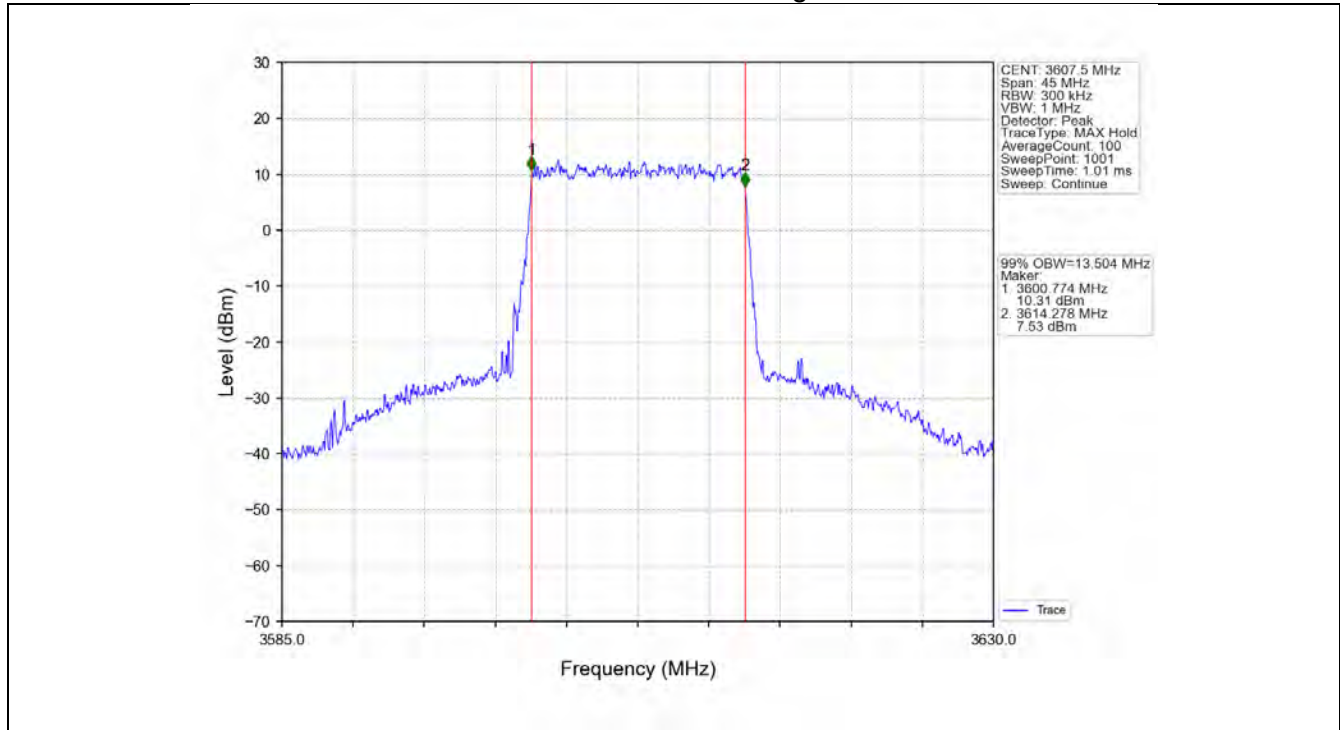
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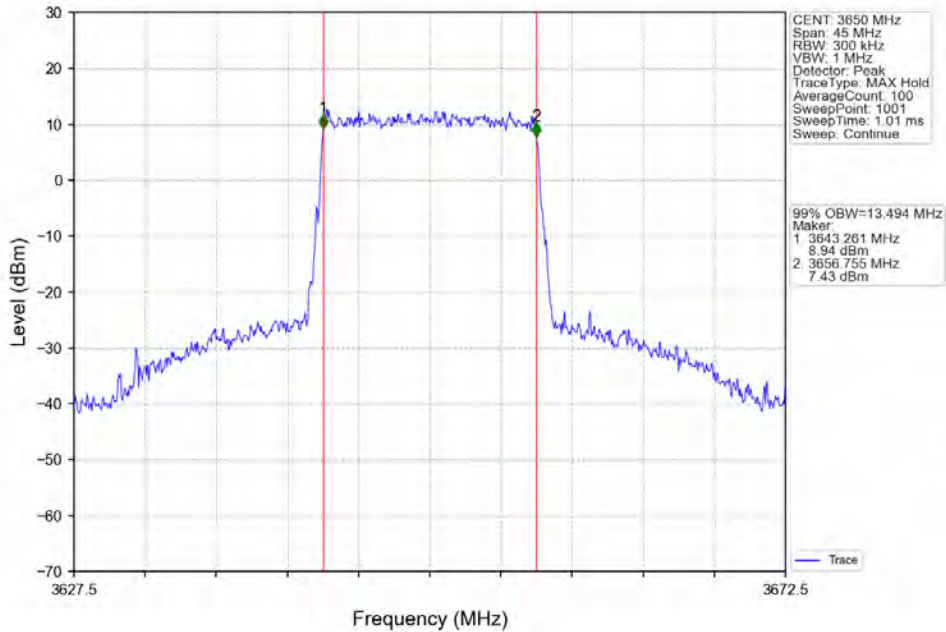


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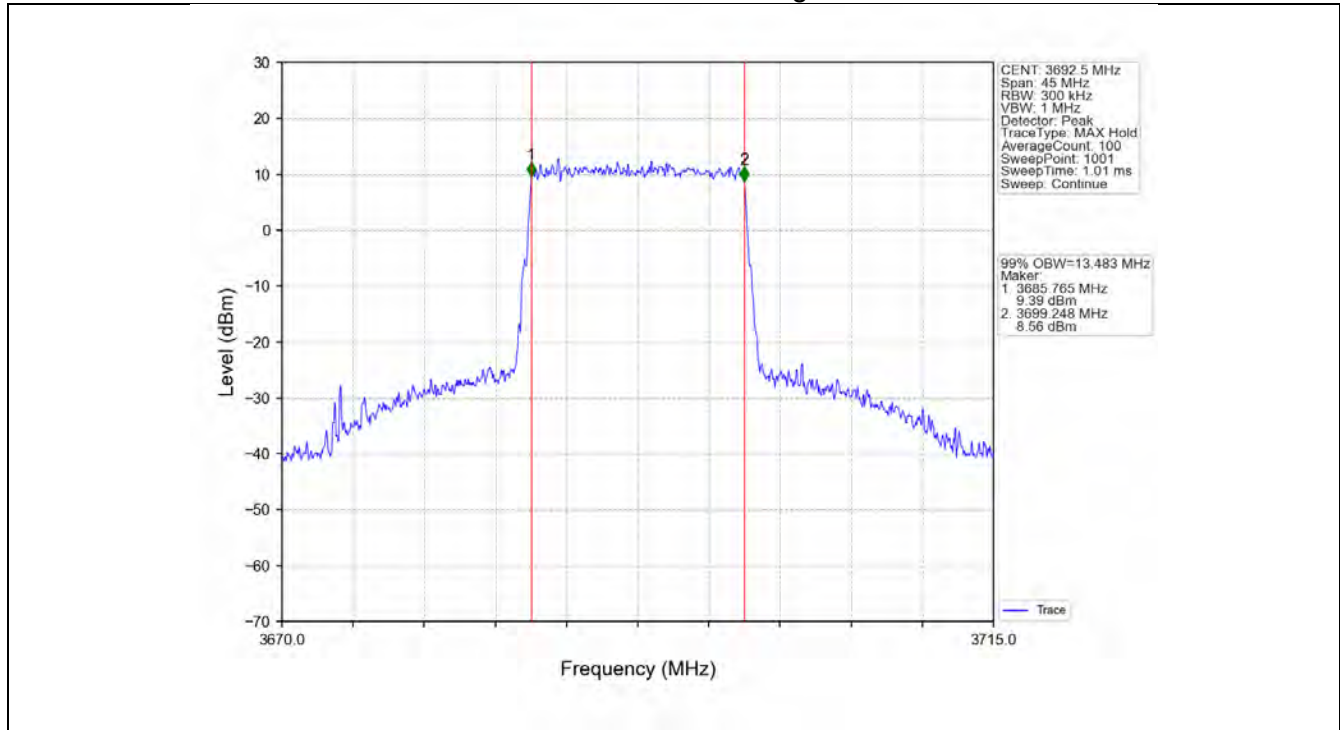
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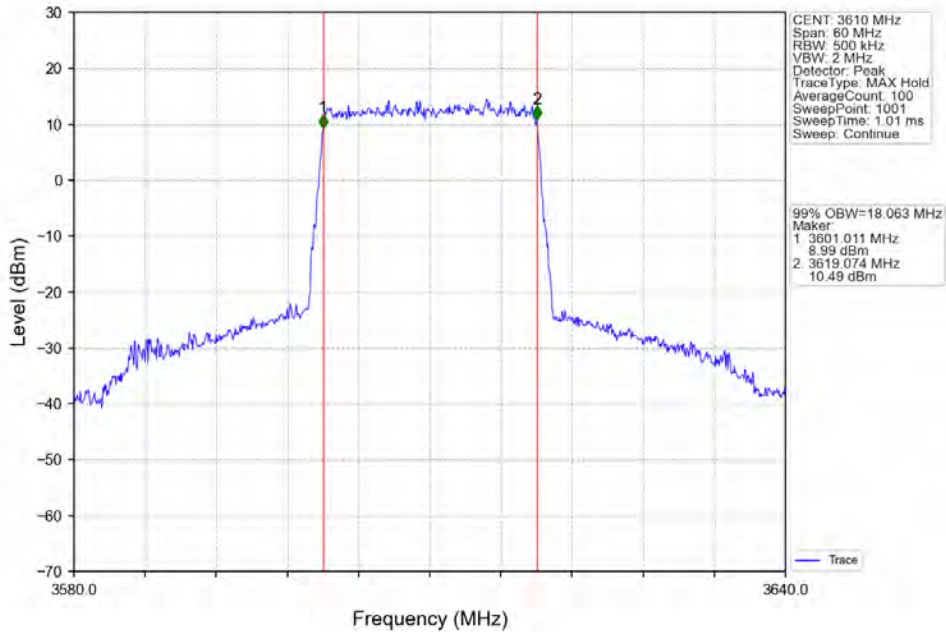
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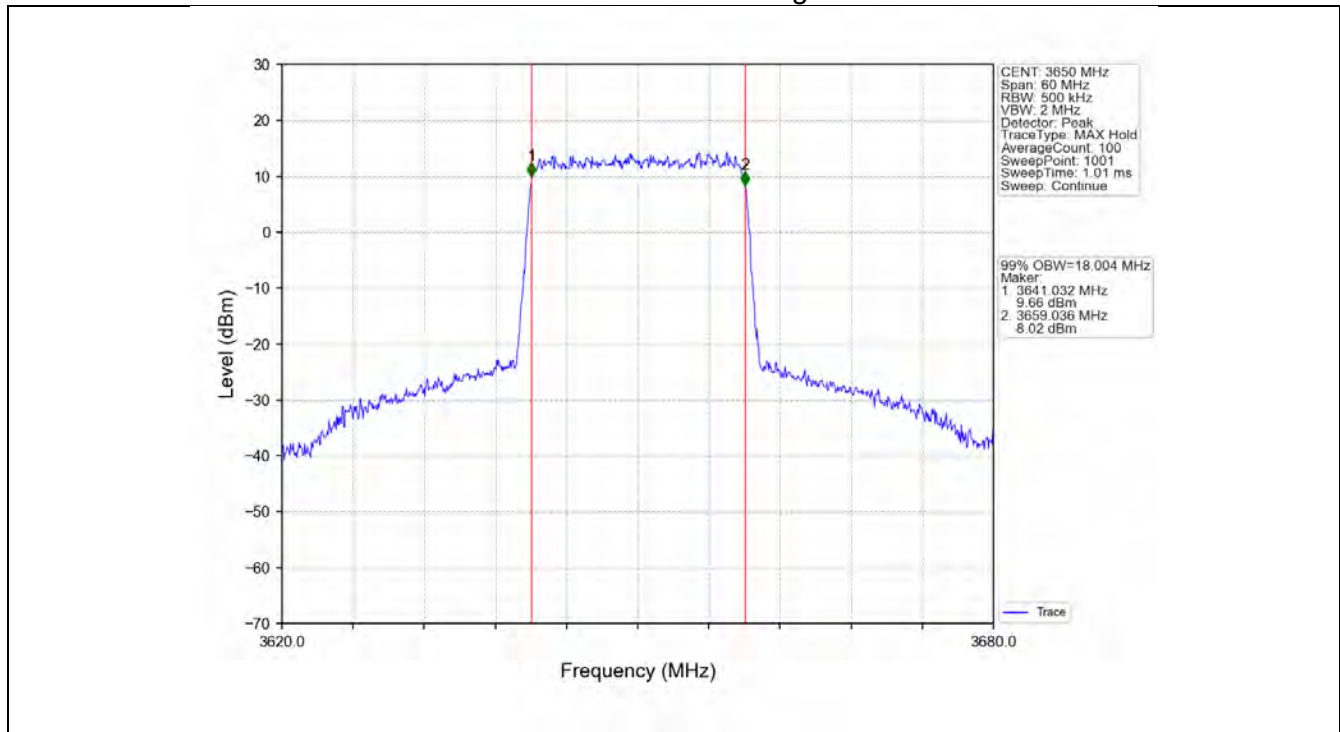


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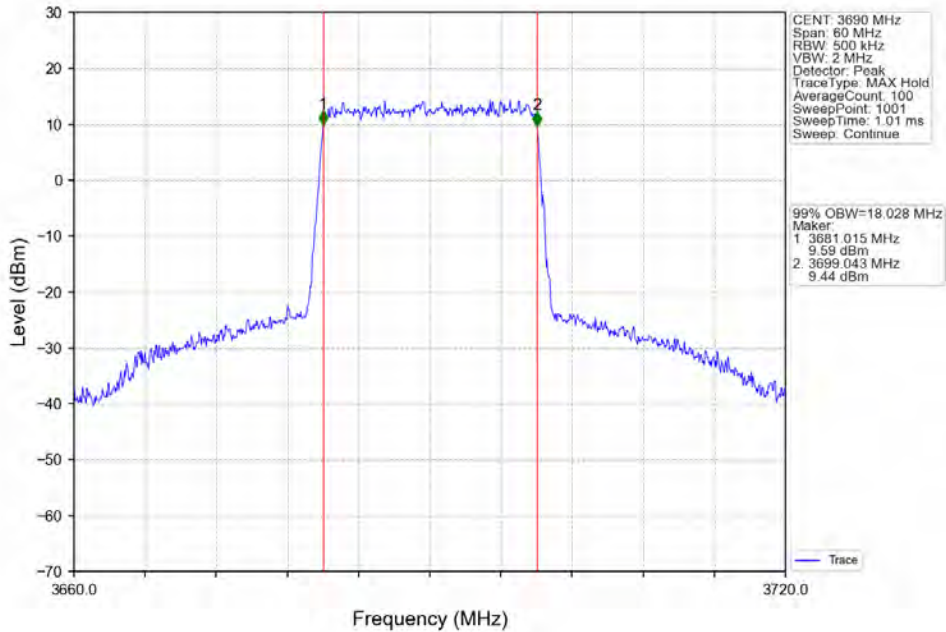


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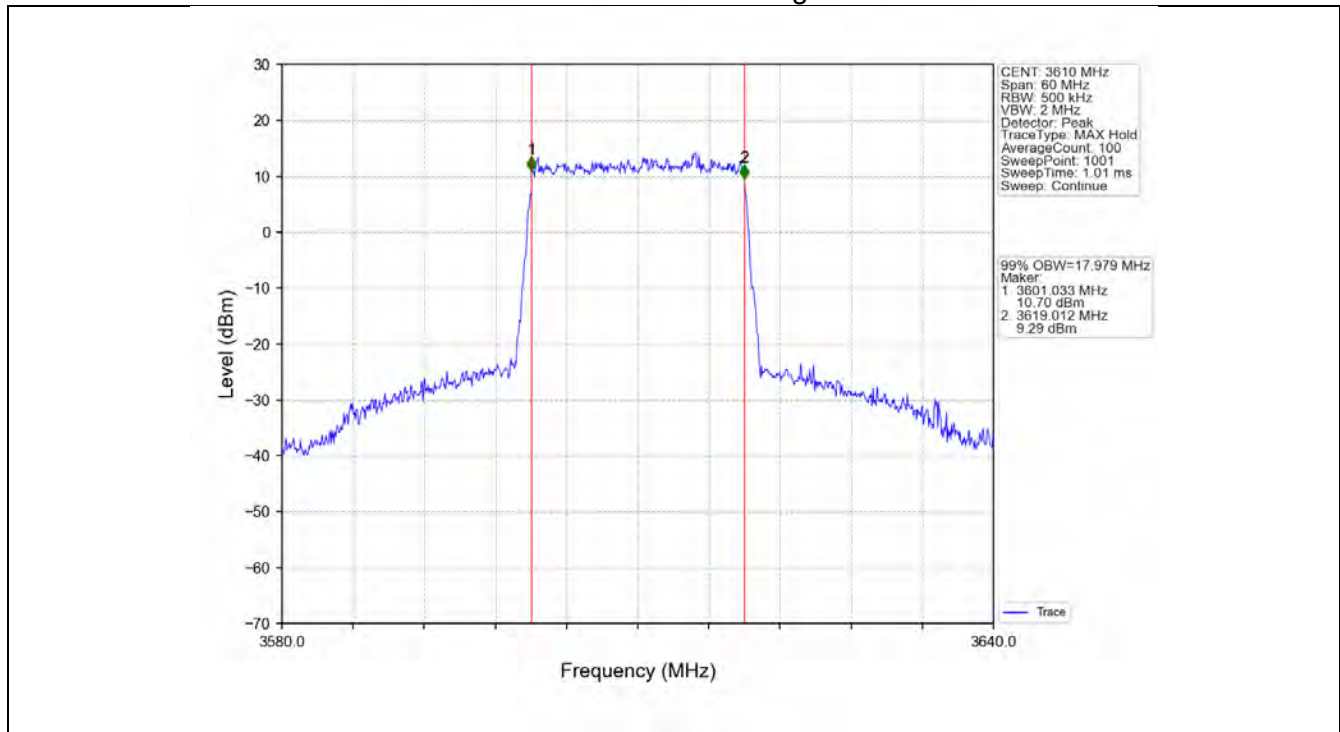
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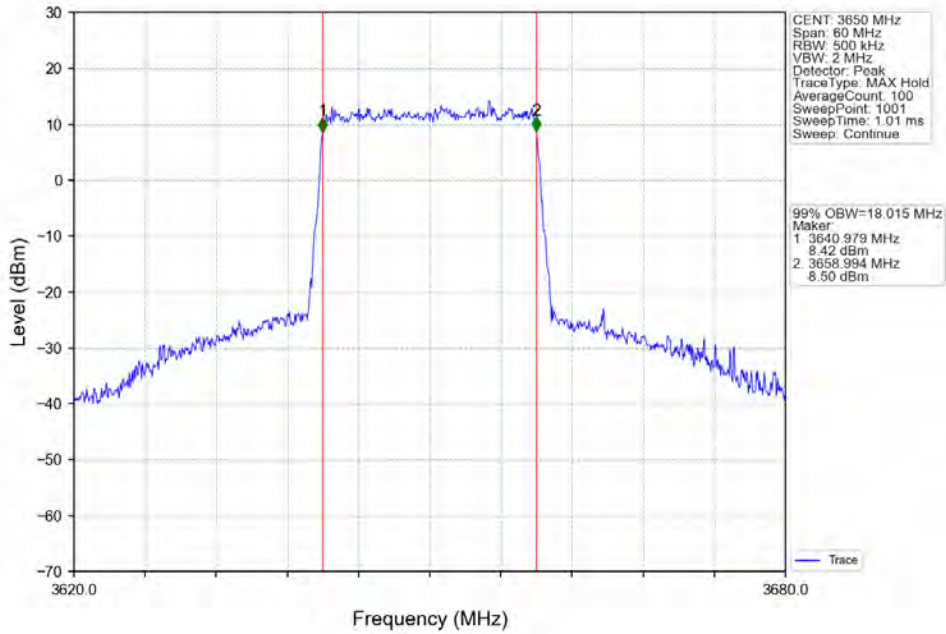
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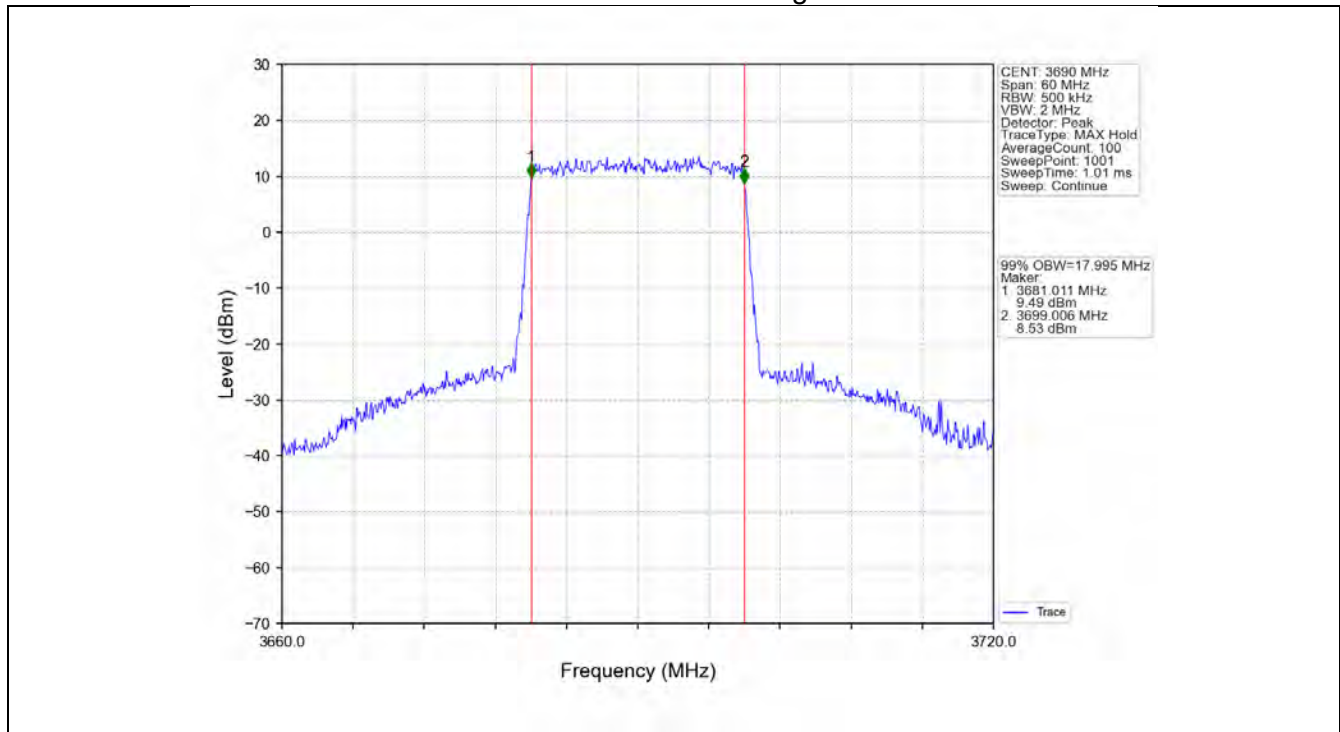
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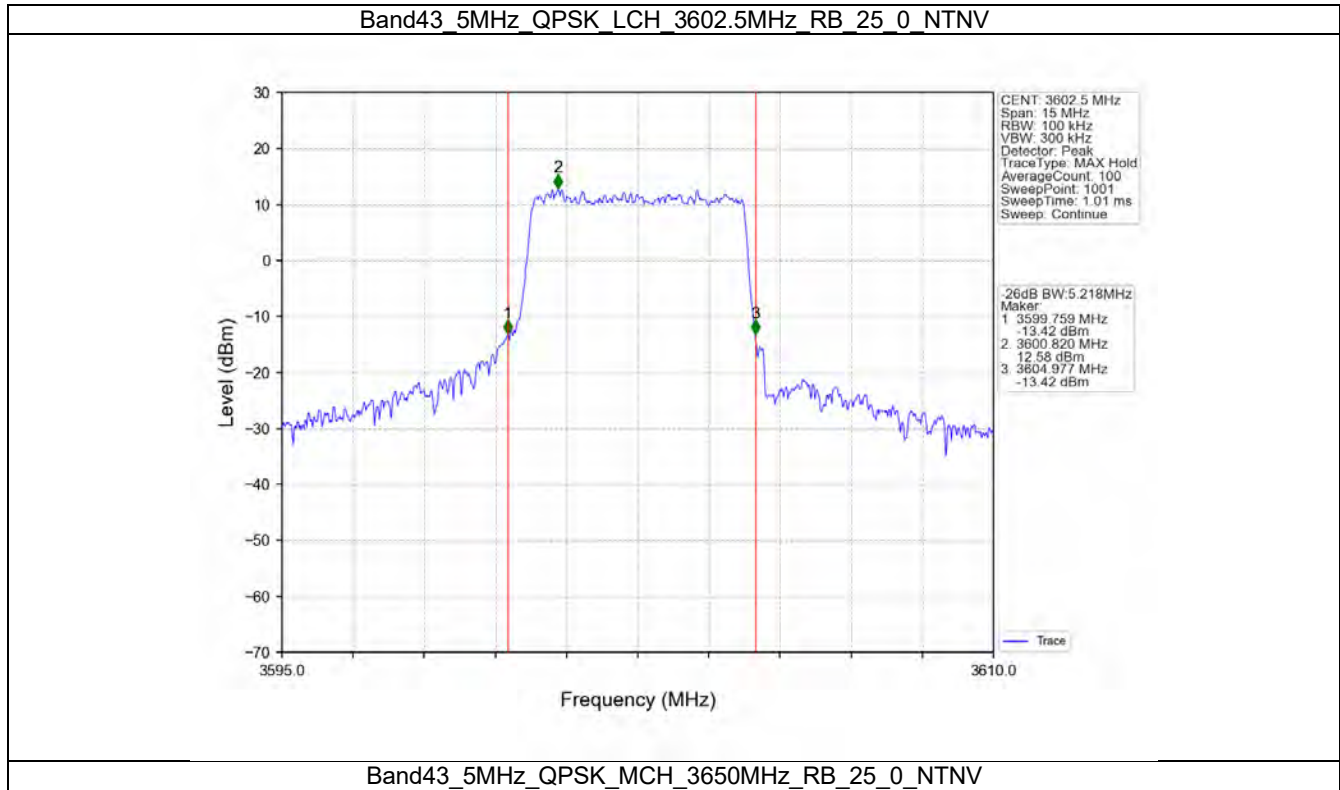
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3.2.2 Test Graph

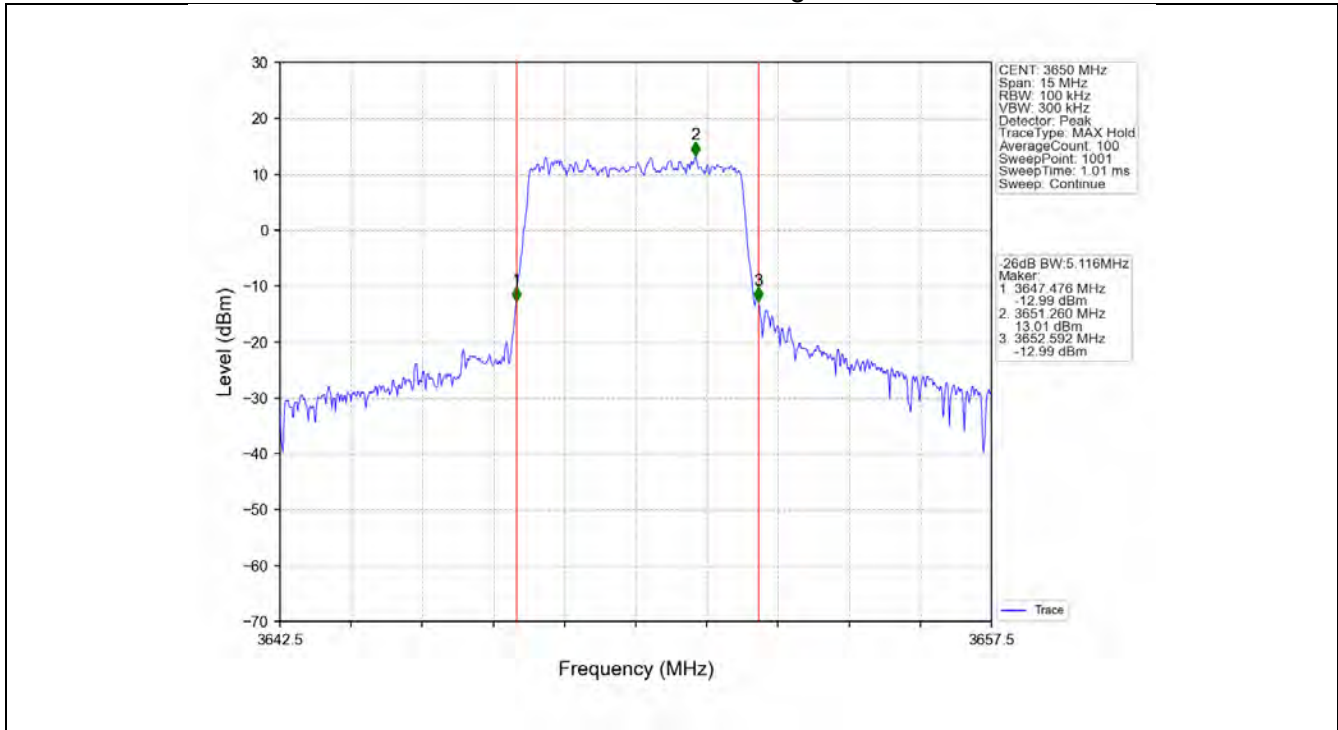


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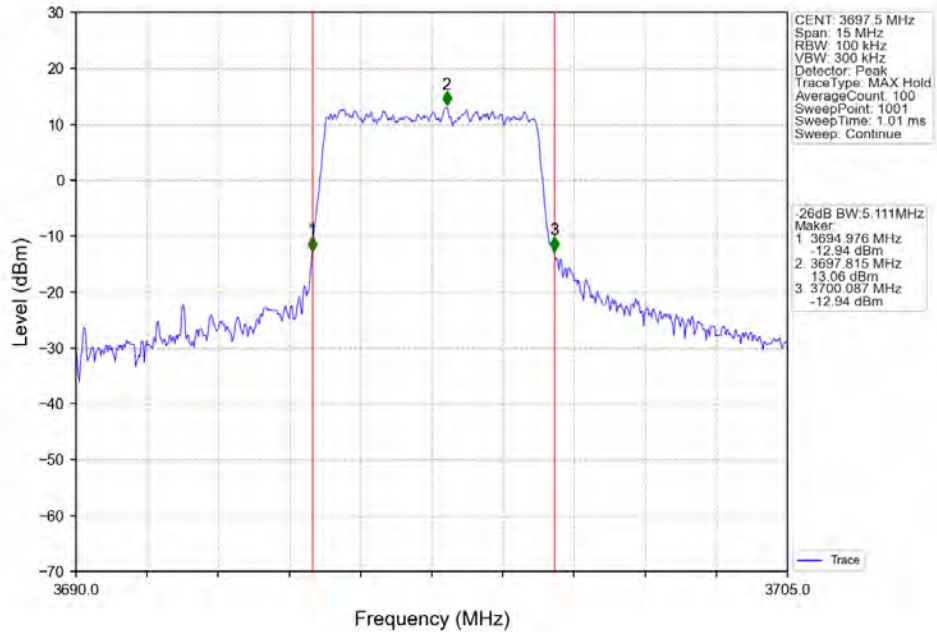


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Band43\_5MHz\_16QAM\_LCH\_3602.5MHz\_RB\_25\_0\_NTNV



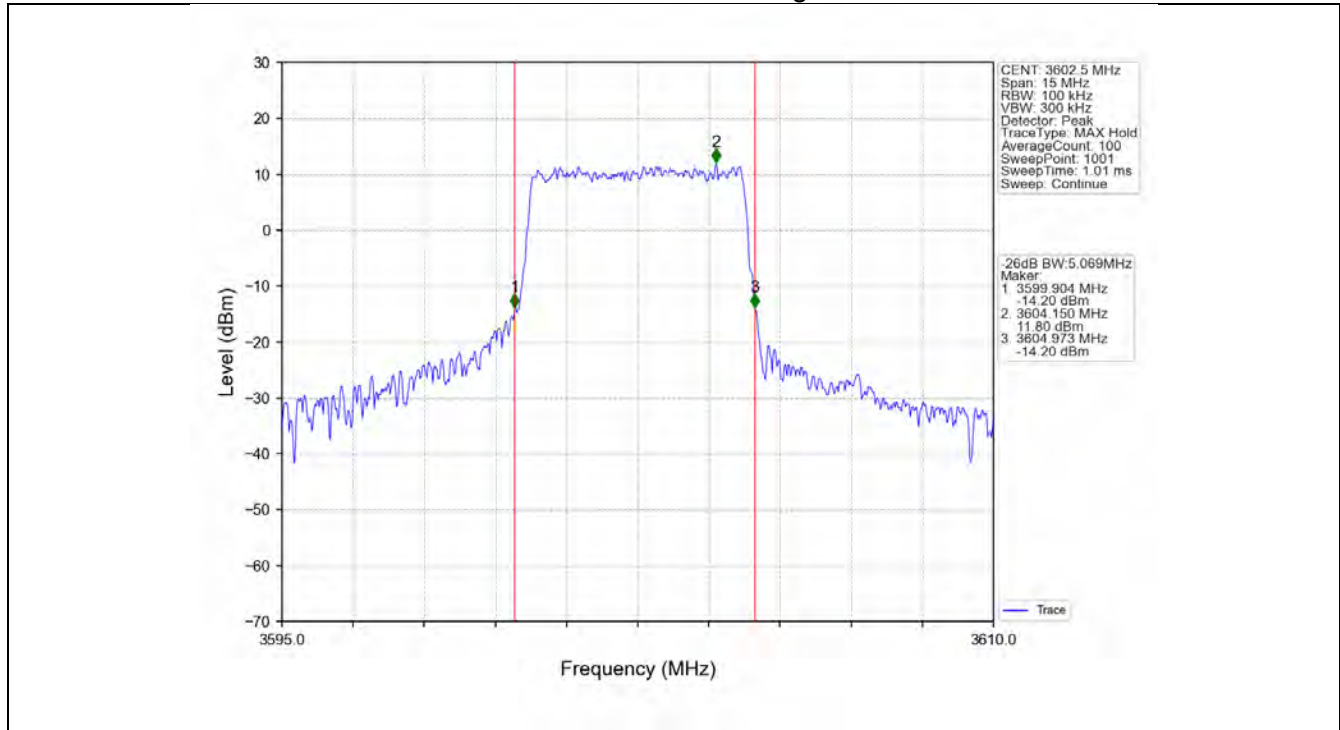
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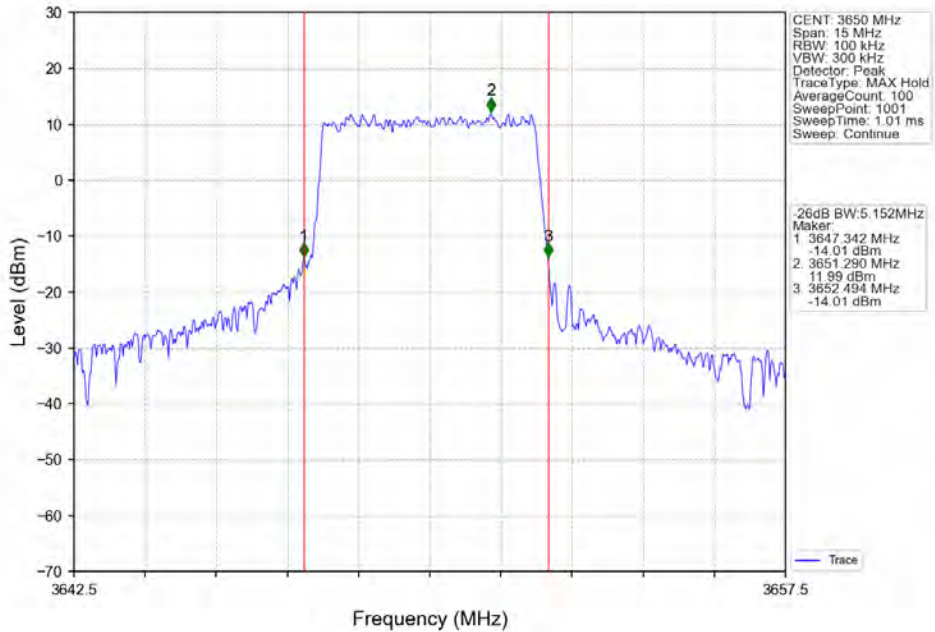
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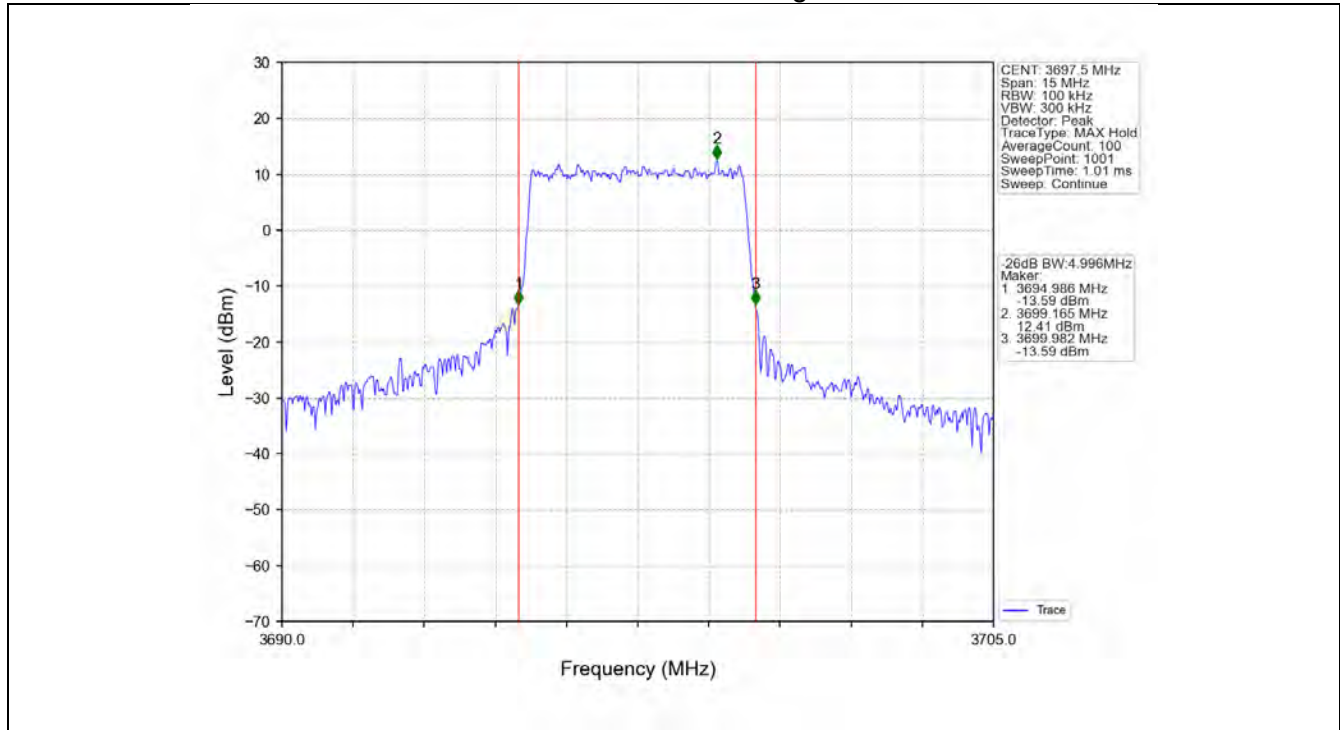
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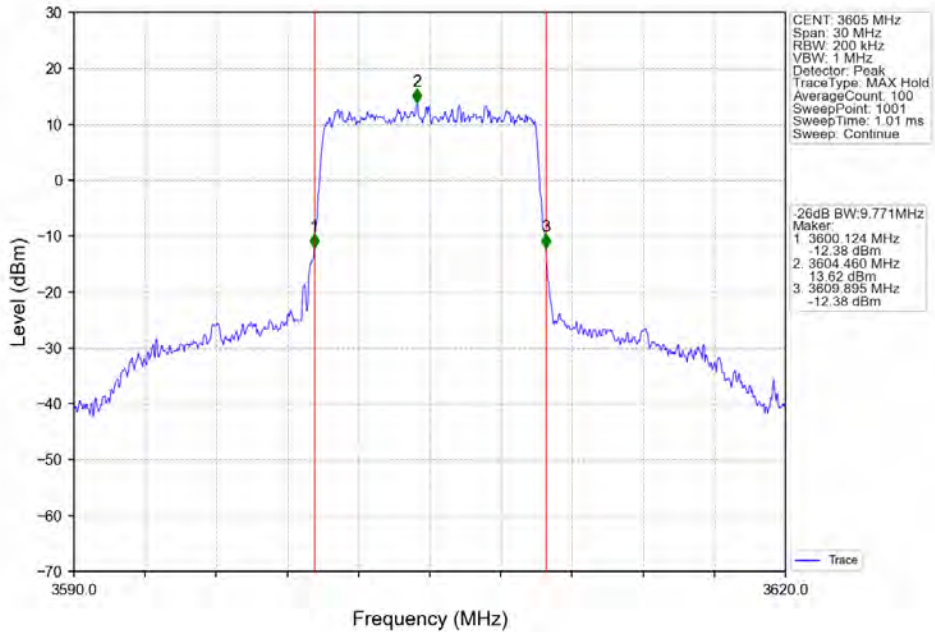
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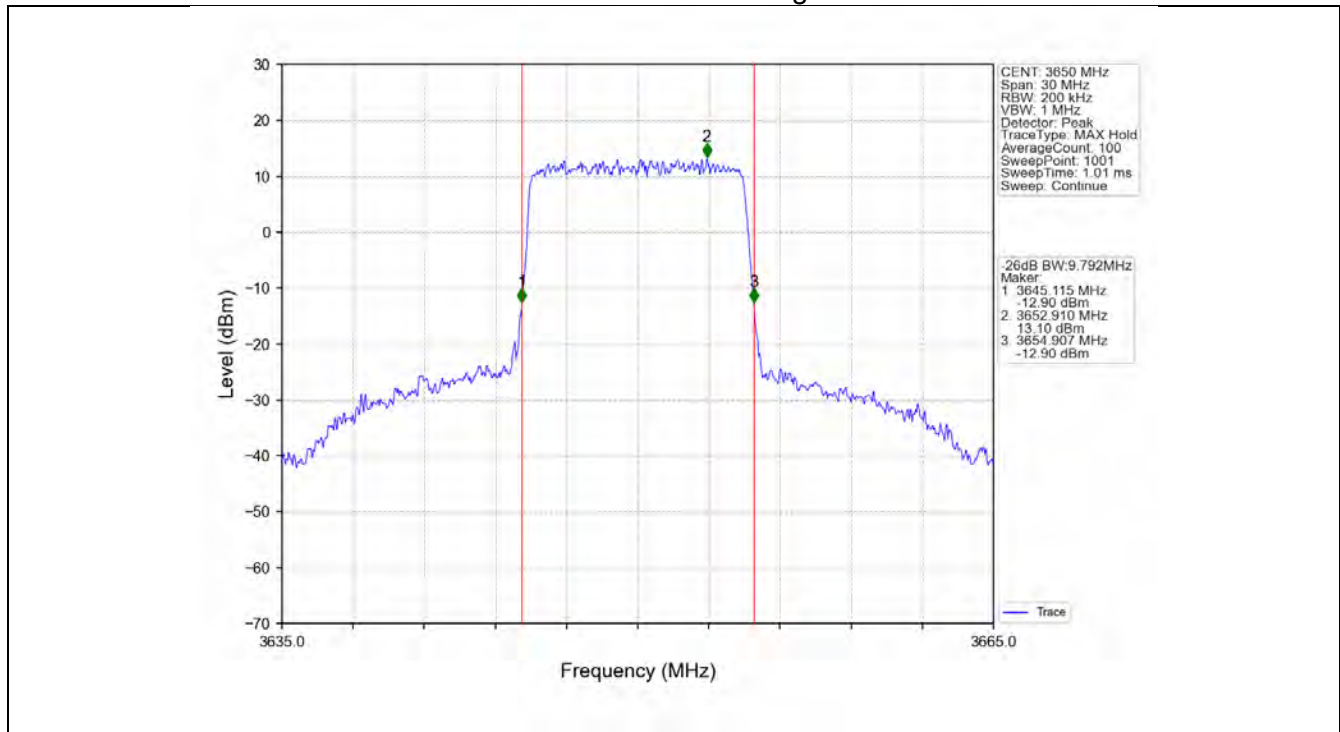
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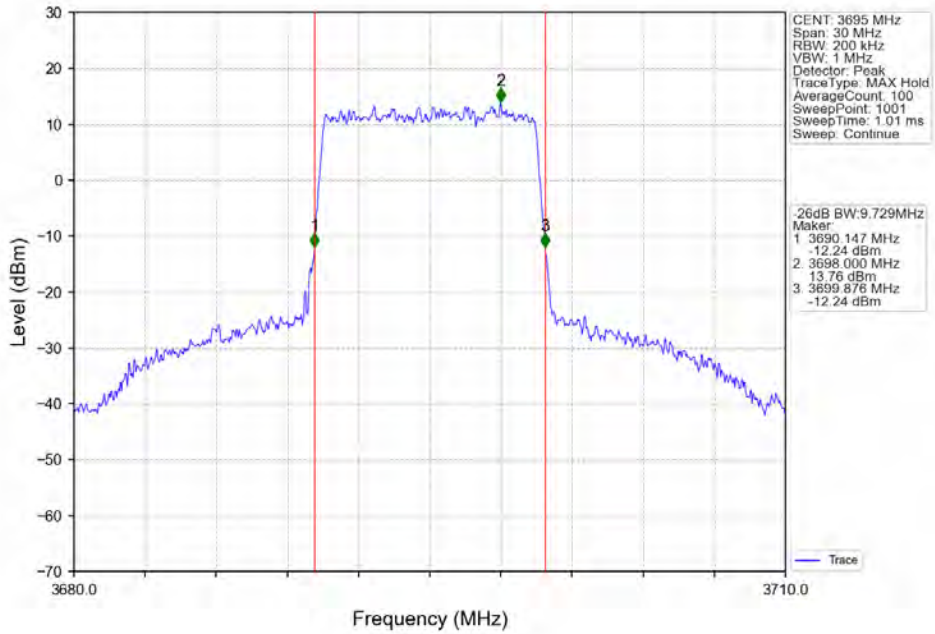
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Band43\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Band43\_10MHz\_16QAM\_LCH\_3605MHz\_RB\_50\_0\_NTNV



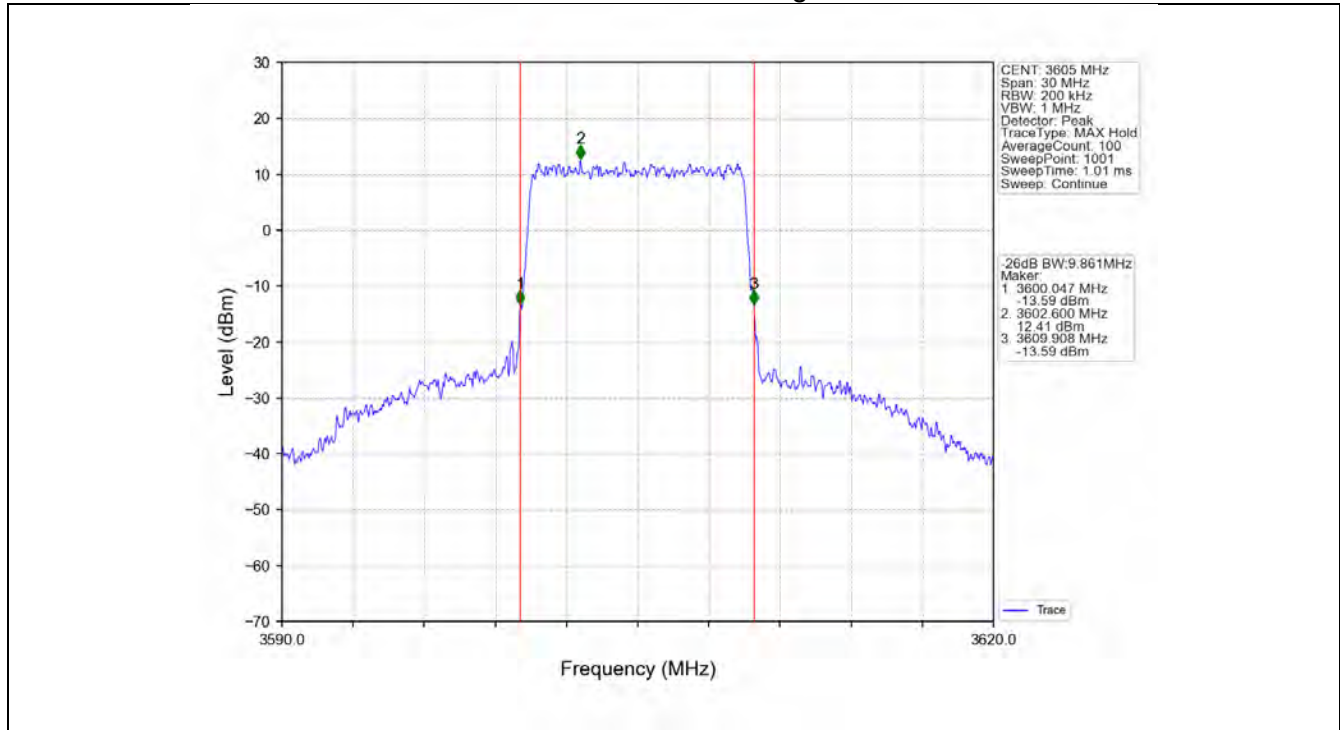
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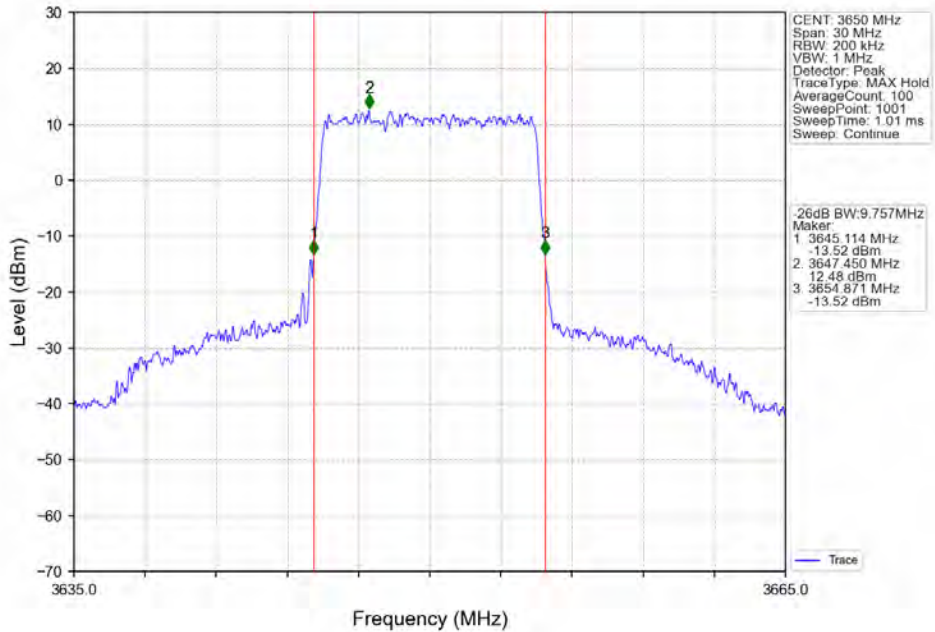
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Band43 10MHz 16QAM\_MCH 3650MHz RB 50\_0 NTN



Band43 10MHz 16QAM\_HCH 3695MHz RB 50\_0 NTN



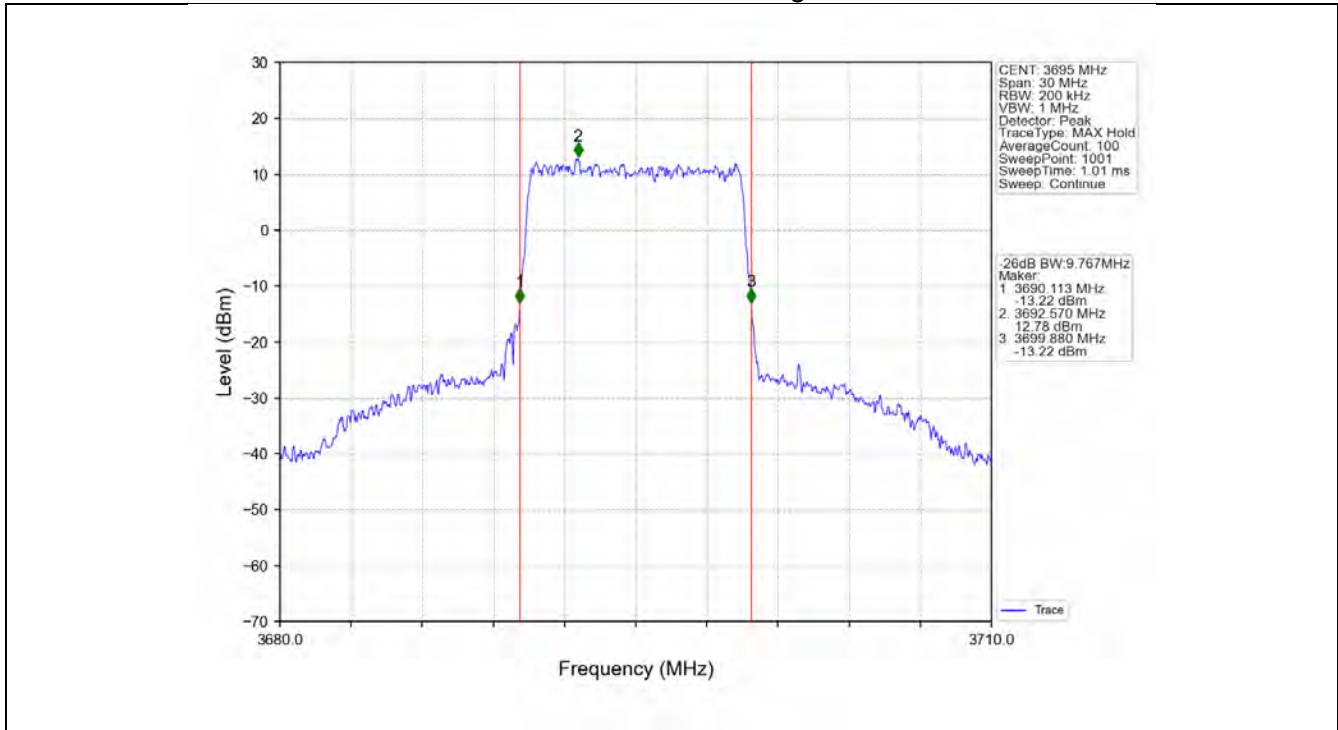
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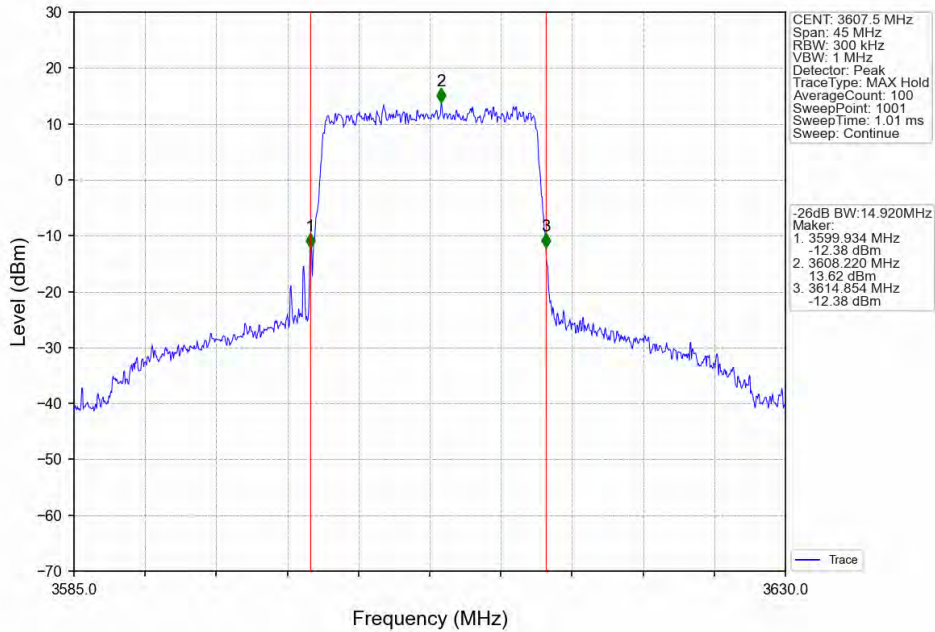
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Band43 15MHz QPSK MCH 3650MHz RB 75\_0 NTN



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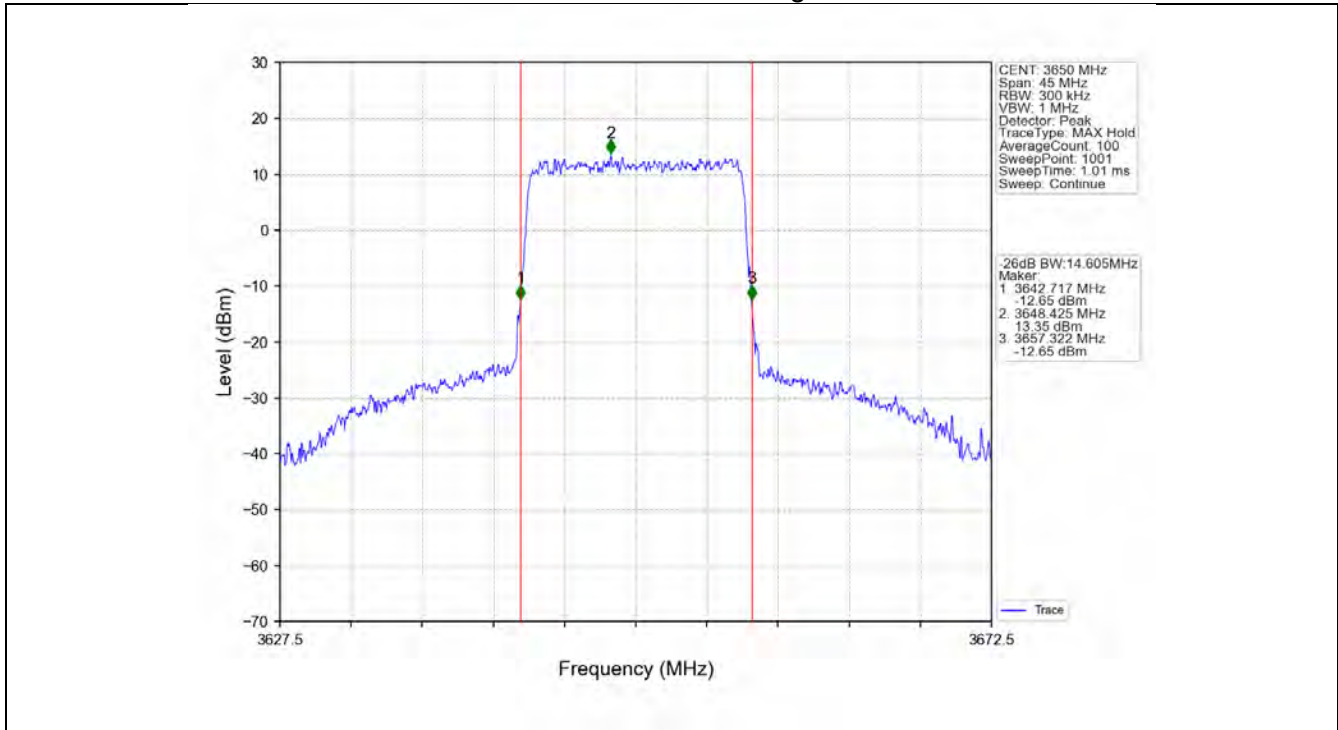
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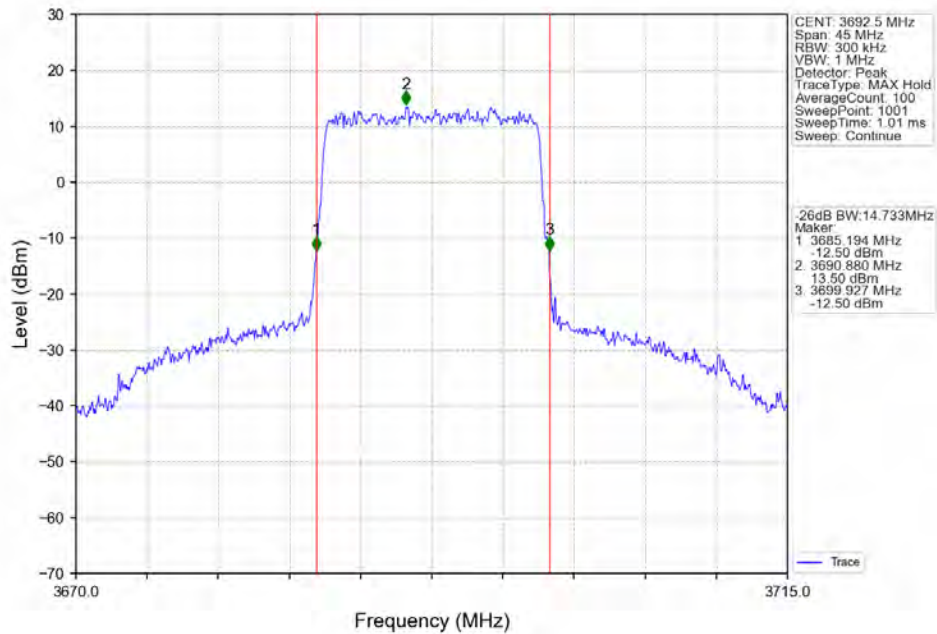


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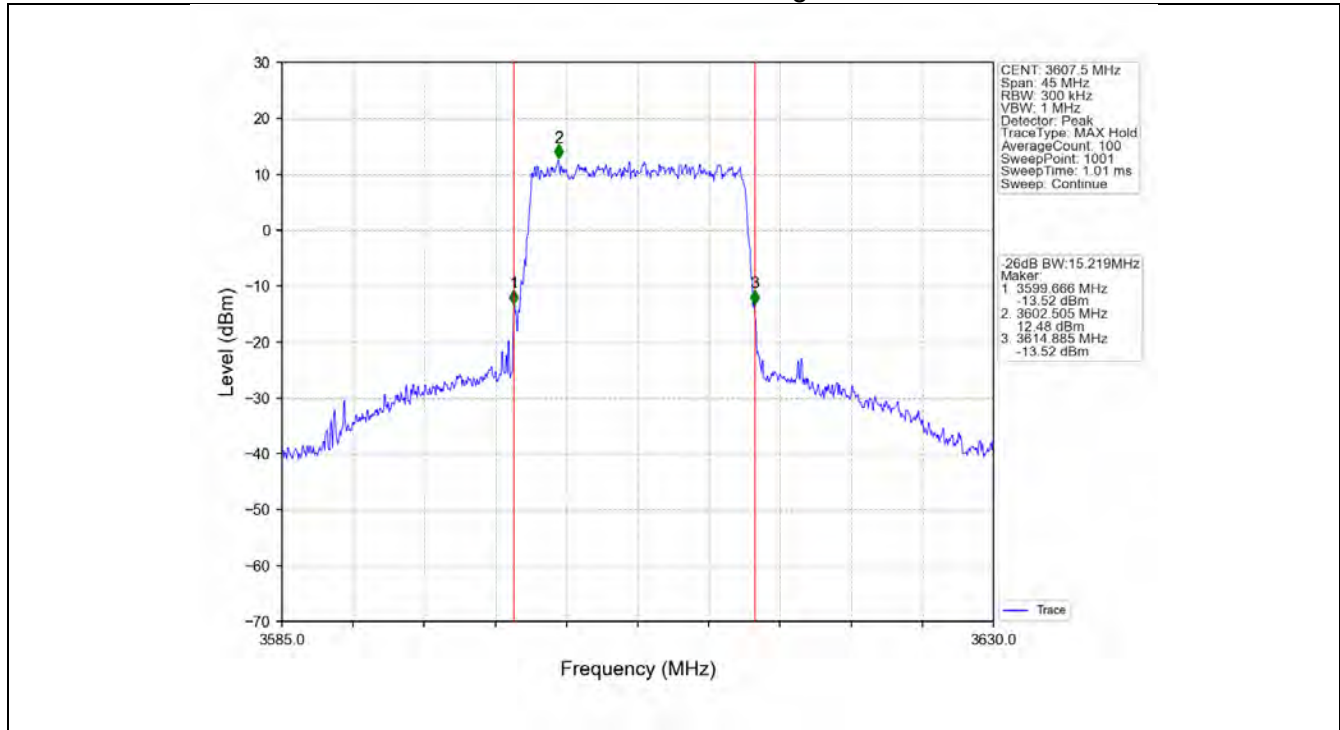
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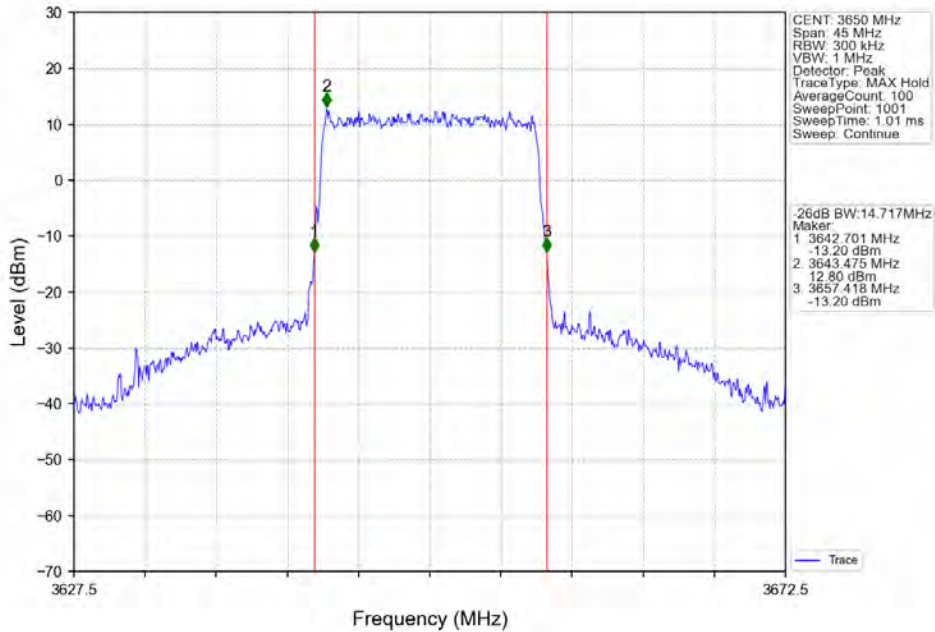


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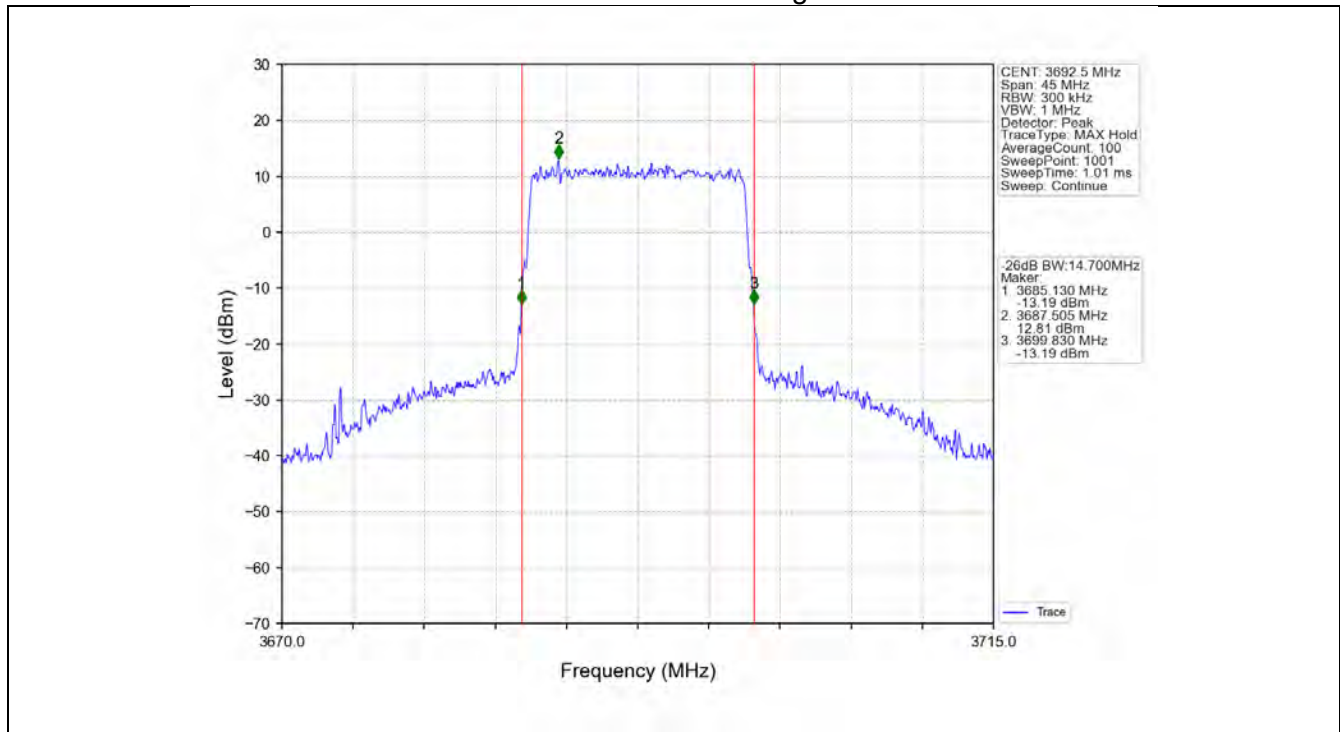


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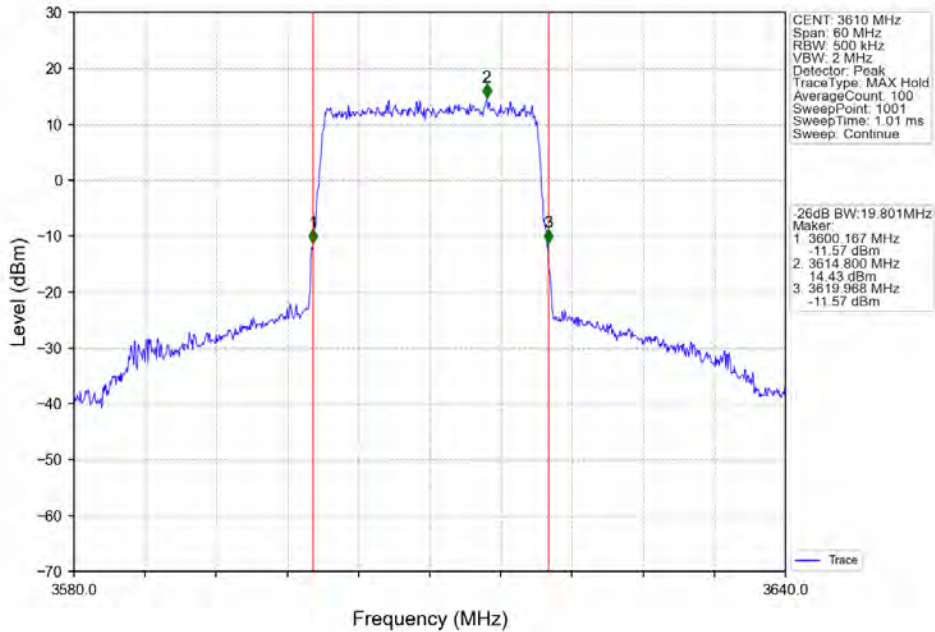
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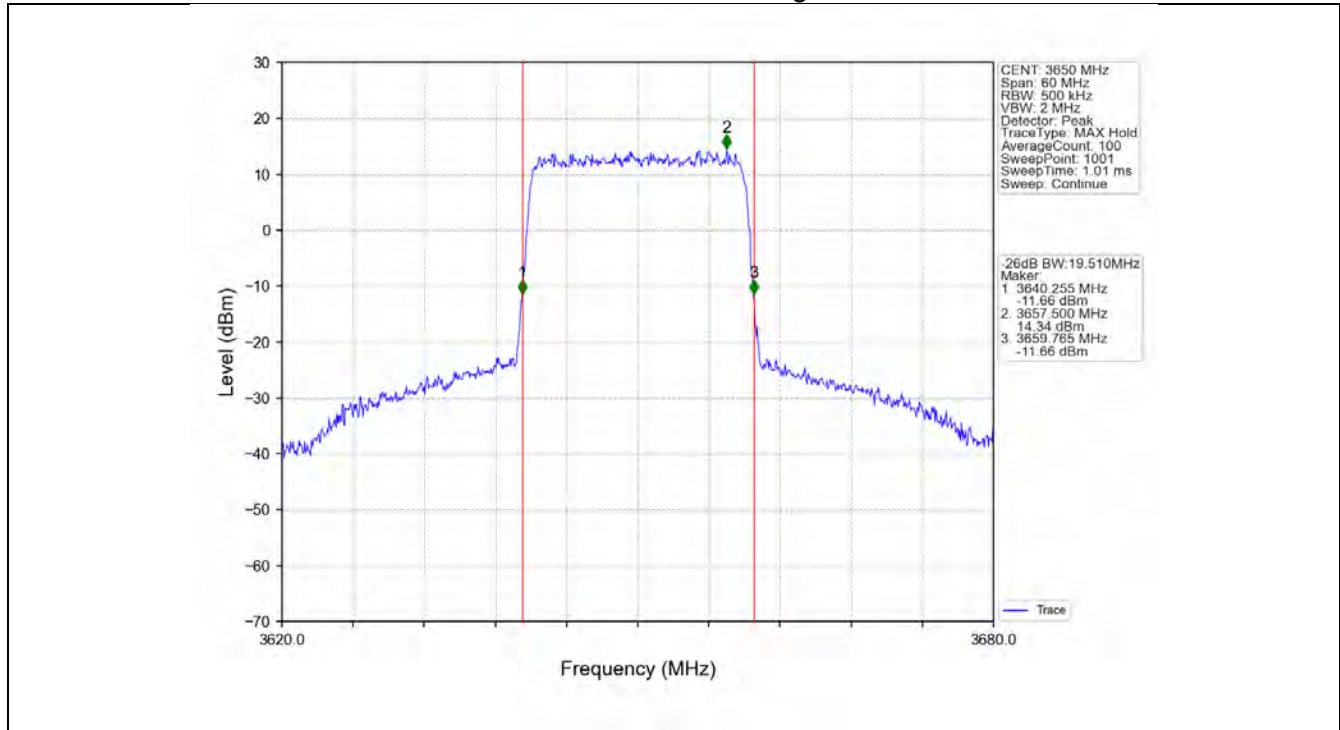
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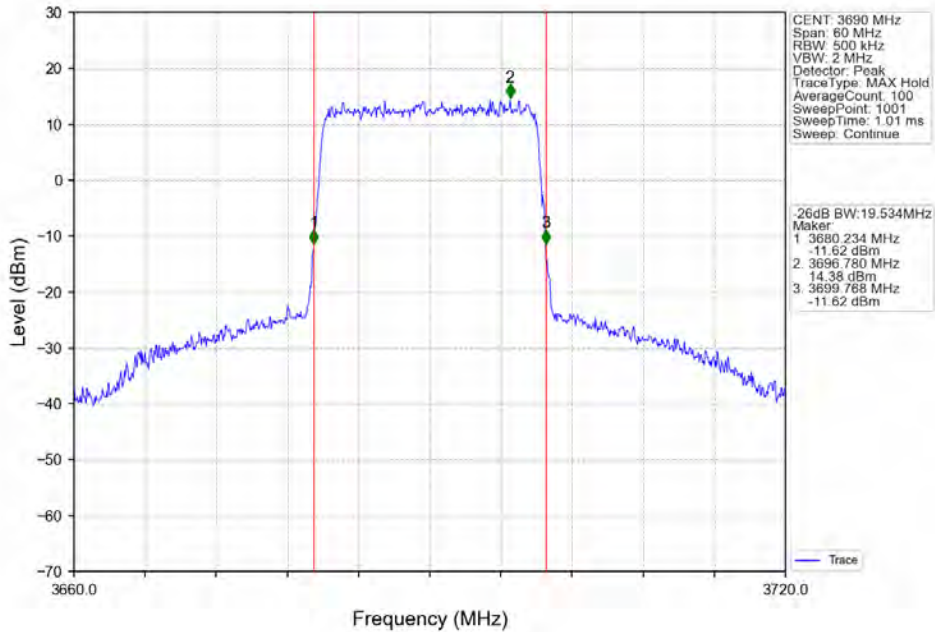


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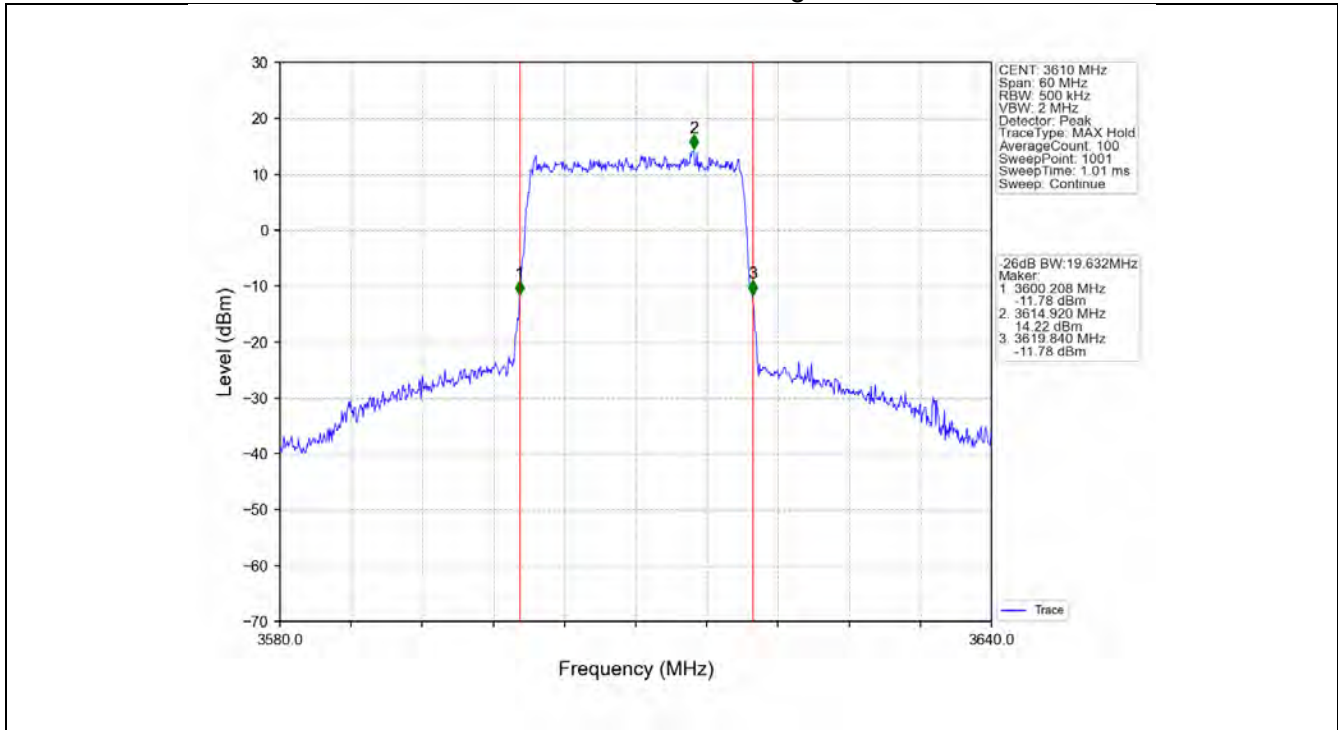


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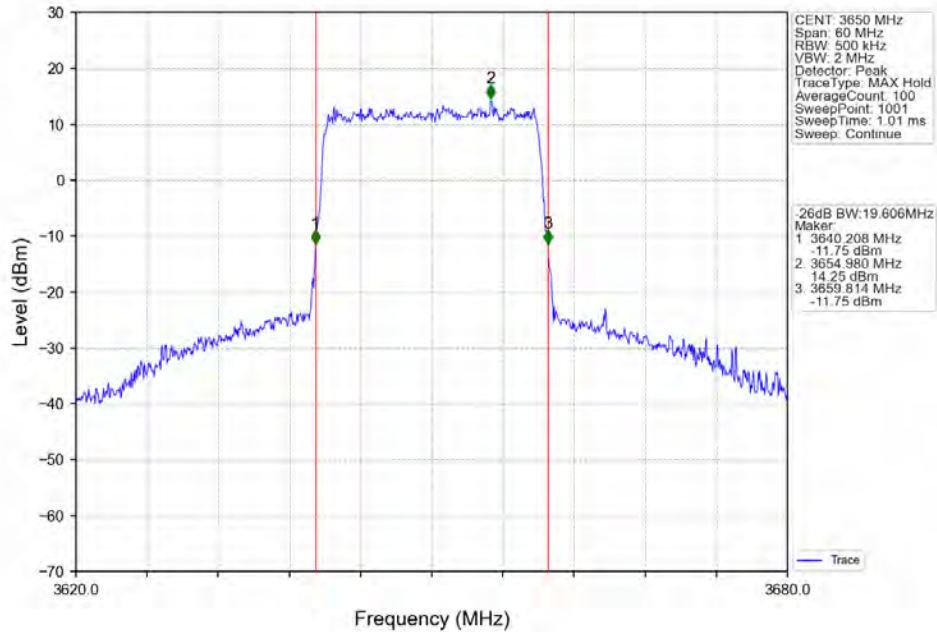
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Band43\_20MHz\_16QAM\_MCH\_3650MHz\_RB\_100\_0\_NTNV



Band43\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



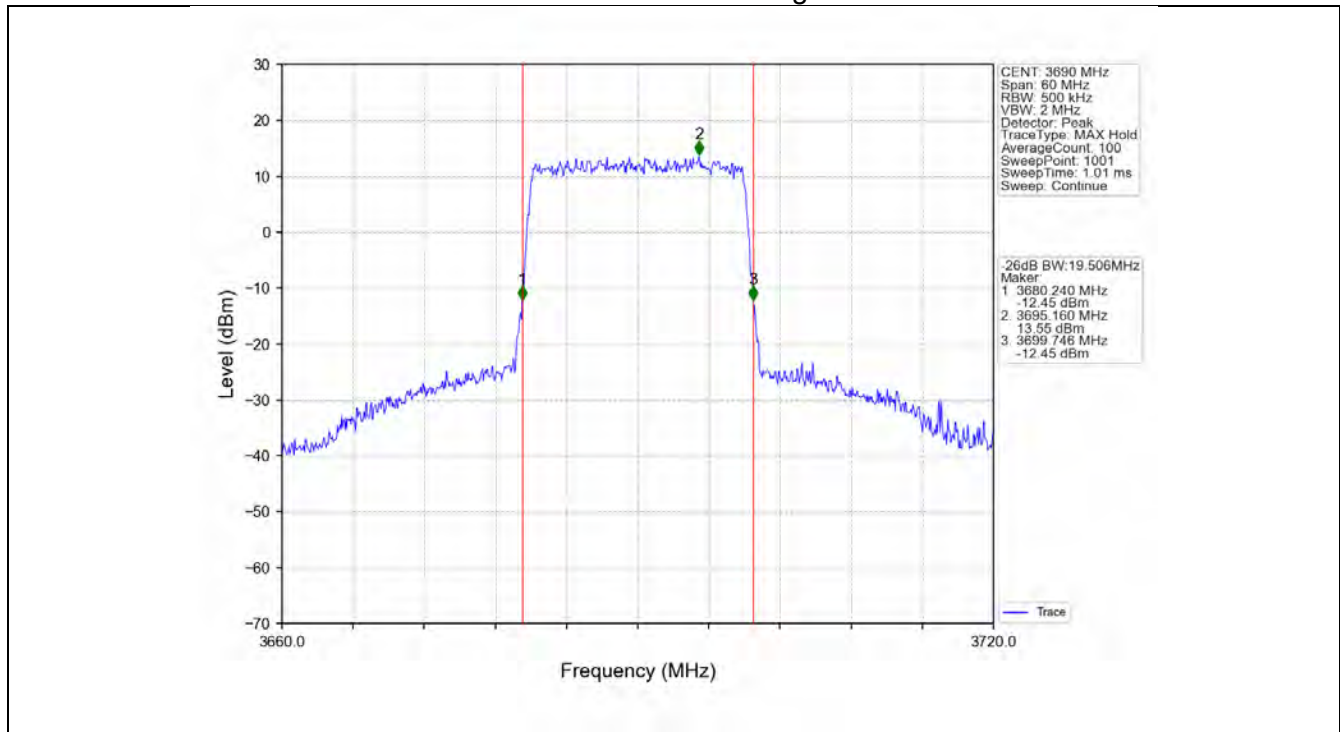
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### 4. Peak-Average Ratio

#### 4.1 B43\_5MHz

##### 4.1.1 Test Result

Band: 43 / Bandwidth: 5MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	25	0	9.48	<=13	Pass
	3650	25	0	9.56	<=13	Pass
	3697.5	25	0	9.64	<=13	Pass
16QAM	3602.5	25	0	10.12	<=13	Pass
	3650	25	0	10.06	<=13	Pass
	3697.5	25	0	10.04	<=13	Pass

#### 4.2 B43\_10MHz

##### 4.2.1 Test Result

Band: 43 / Bandwidth: 10MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	50	0	9.44	<=13	Pass
	3650	50	0	9.42	<=13	Pass
	3695	50	0	9.42	<=13	Pass
16QAM	3605	50	0	10.02	<=13	Pass
	3650	50	0	10.02	<=13	Pass
	3695	50	0	10.10	<=13	Pass

#### 4.3 B43\_15MHz

##### 4.3.1 Test Result

Band: 43 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	75	0	8.84	<=13	Pass
	3650	75	0	8.88	<=13	Pass
	3692.5	75	0	8.90	<=13	Pass
16QAM	3607.5	75	0	9.86	<=13	Pass
	3650	75	0	9.84	<=13	Pass
	3692.5	75	0	9.84	<=13	Pass



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4.4 B43\_20MHz

4.4.1 Test Result

Band: 43 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	100	0	9.28	<=13	Pass
	3650	100	0	9.28	<=13	Pass
	3690	100	0	9.20	<=13	Pass
16QAM	3610	100	0	10.22	<=13	Pass
	3650	100	0	10.18	<=13	Pass
	3690	100	0	10.22	<=13	Pass

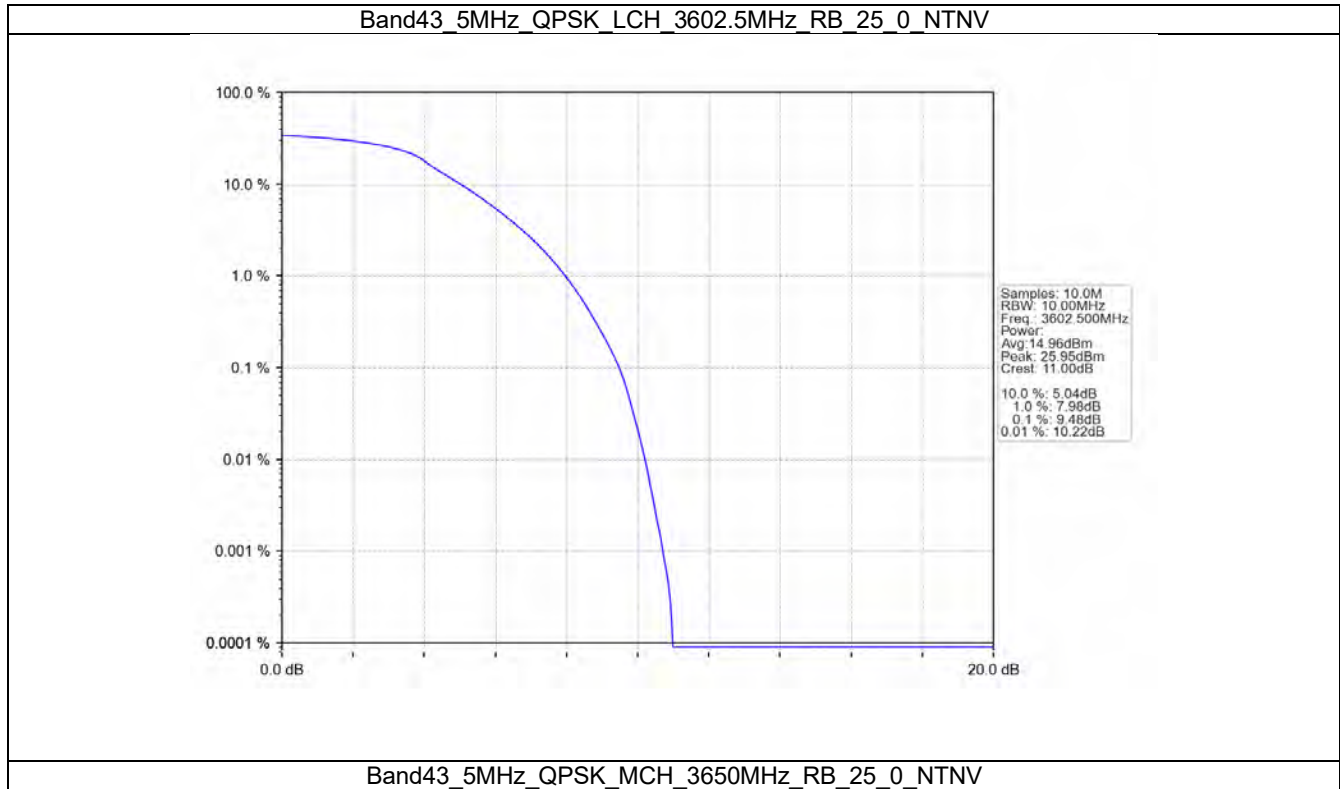


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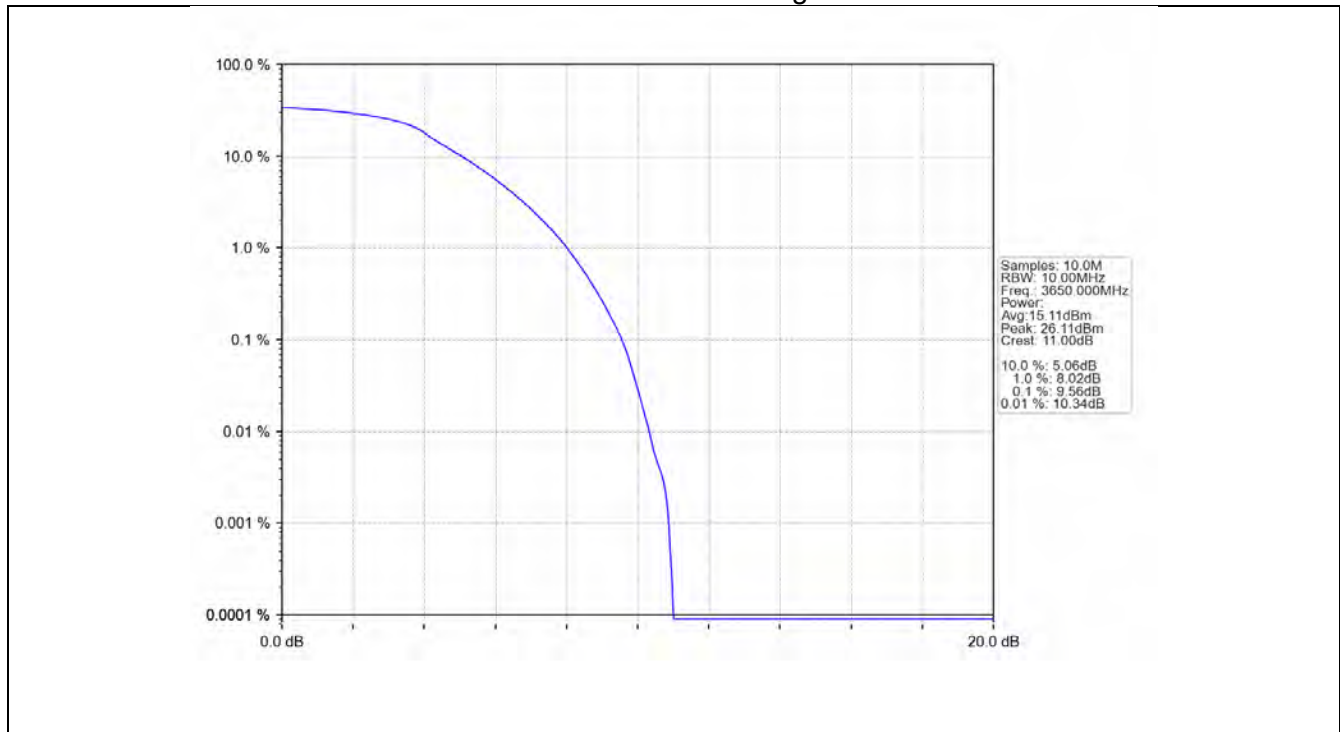
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4.1.2 Test Graph



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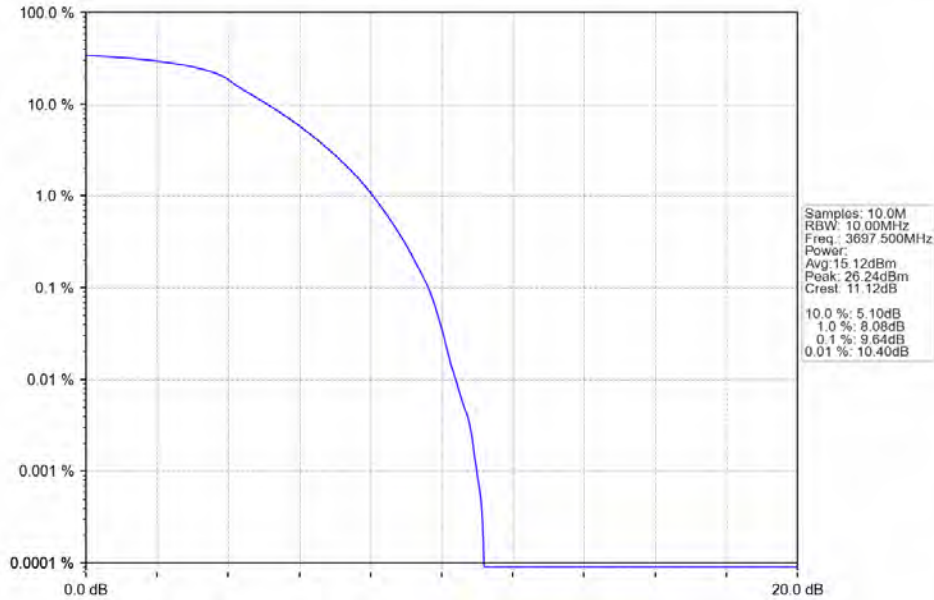
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Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Band43\_5MHz\_16QAM\_LCH\_3602.5MHz\_RB\_25\_0\_NTNV



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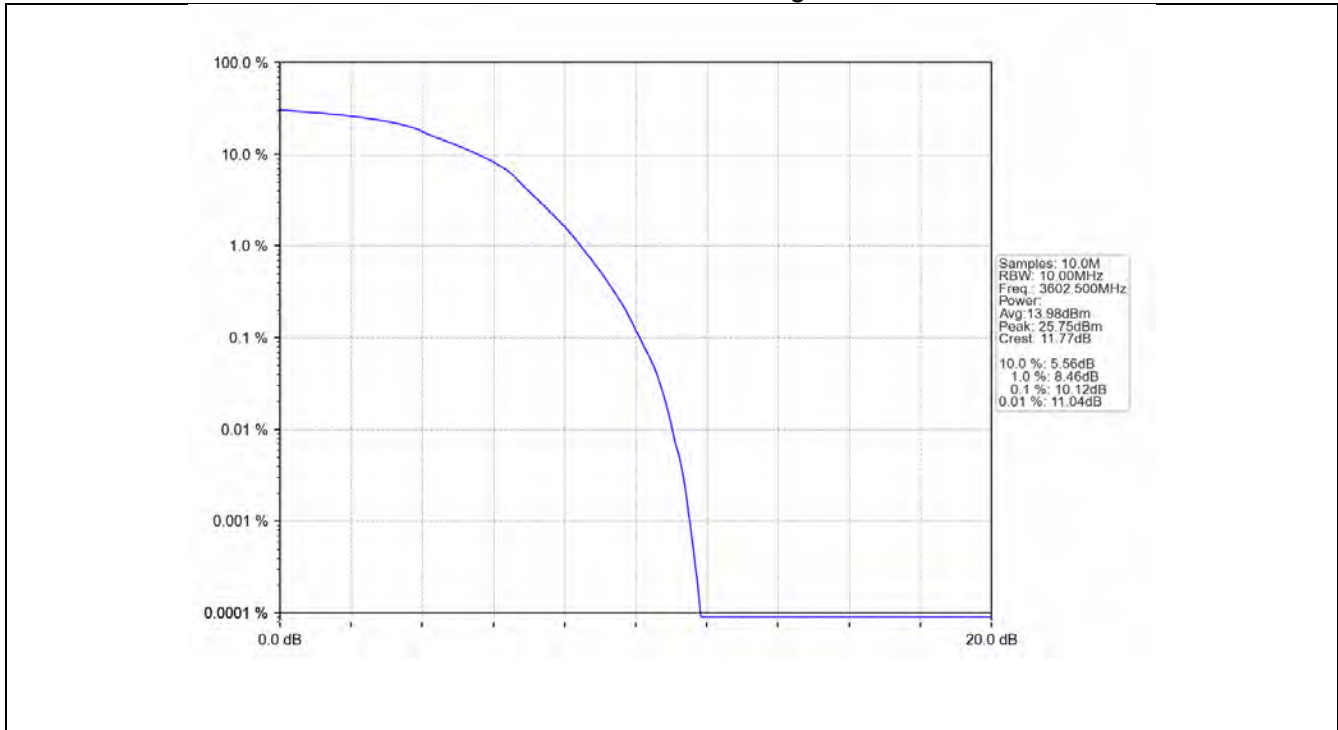
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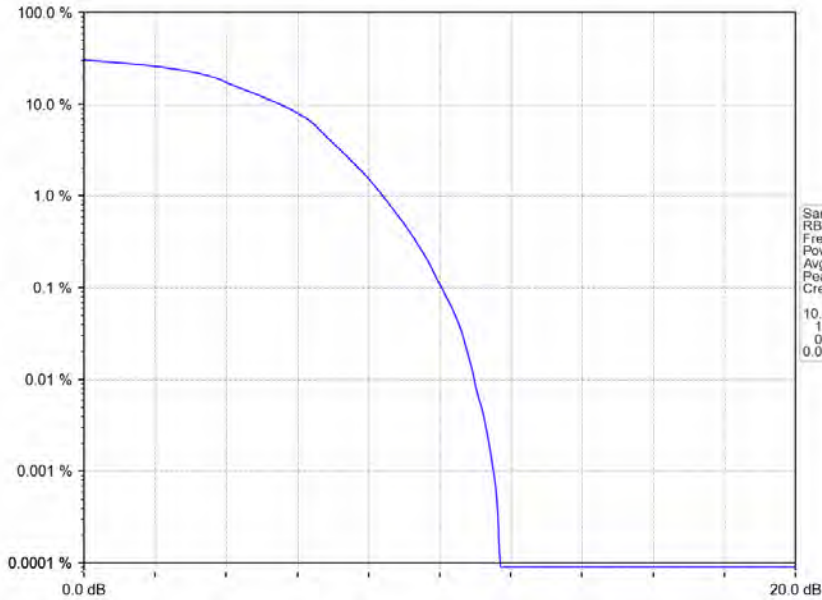
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Band43\_5MHz\_16QAM\_MCH\_3650MHz\_RB\_25\_0\_NTNV



Samples: 10.0M  
 RBW: 10.00MHz  
 Freq: 3650.000MHz  
 Power:  
 Avg: 14.17dBm  
 Peak: 25.84dBm  
 Crest: 11.67dB

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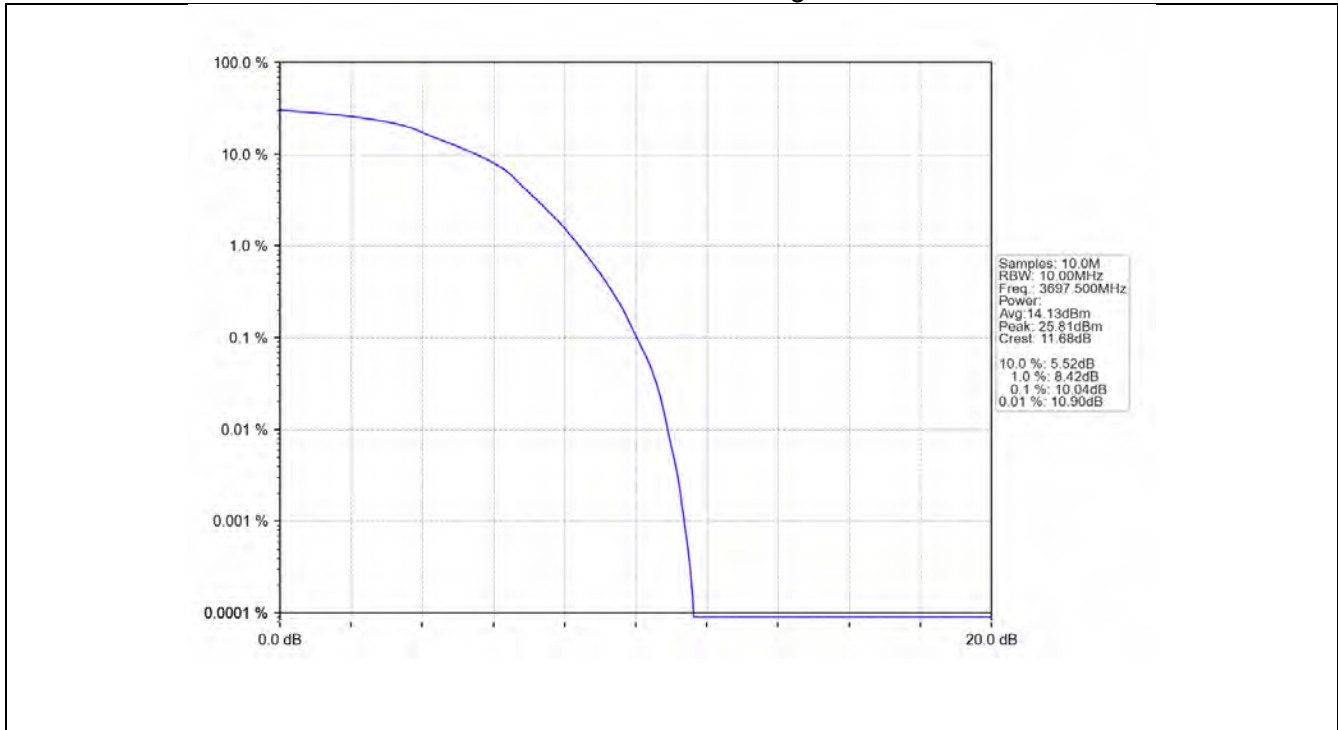
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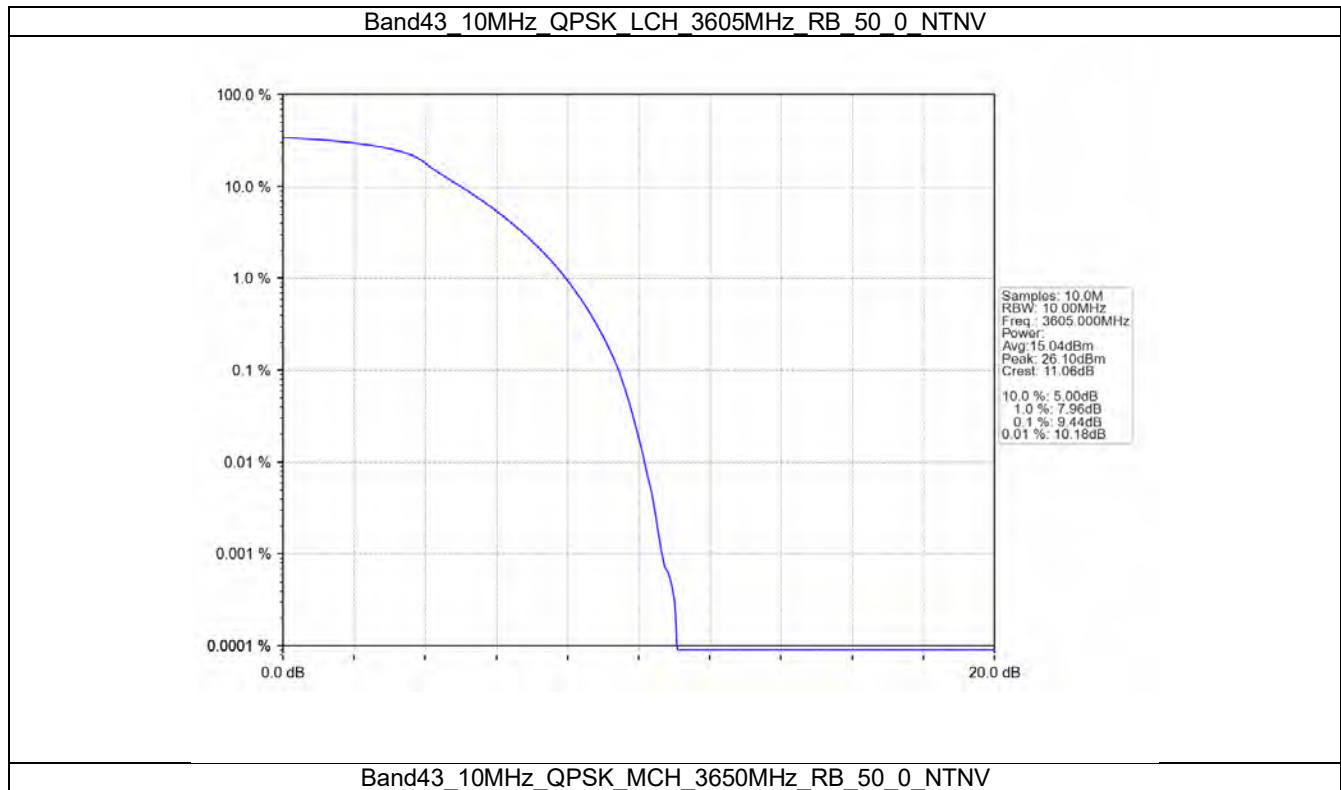
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4.2.2 Test Graph

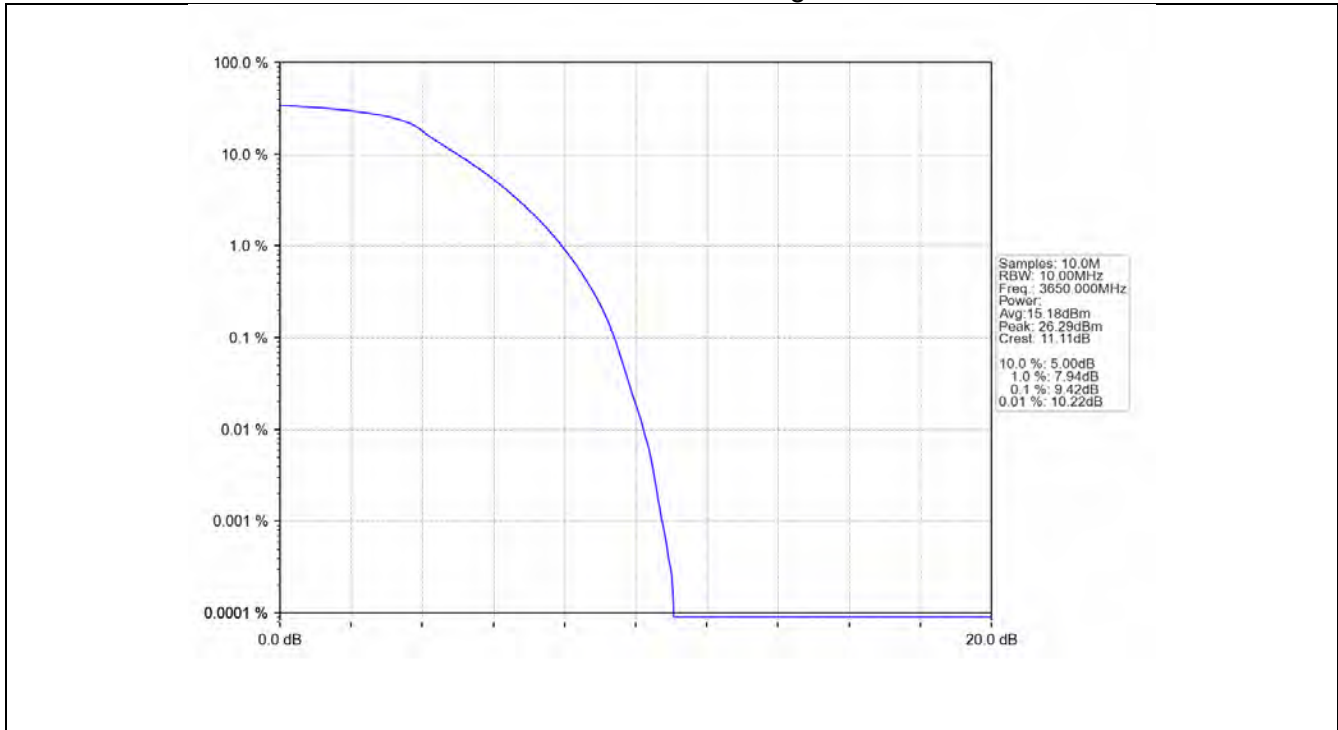


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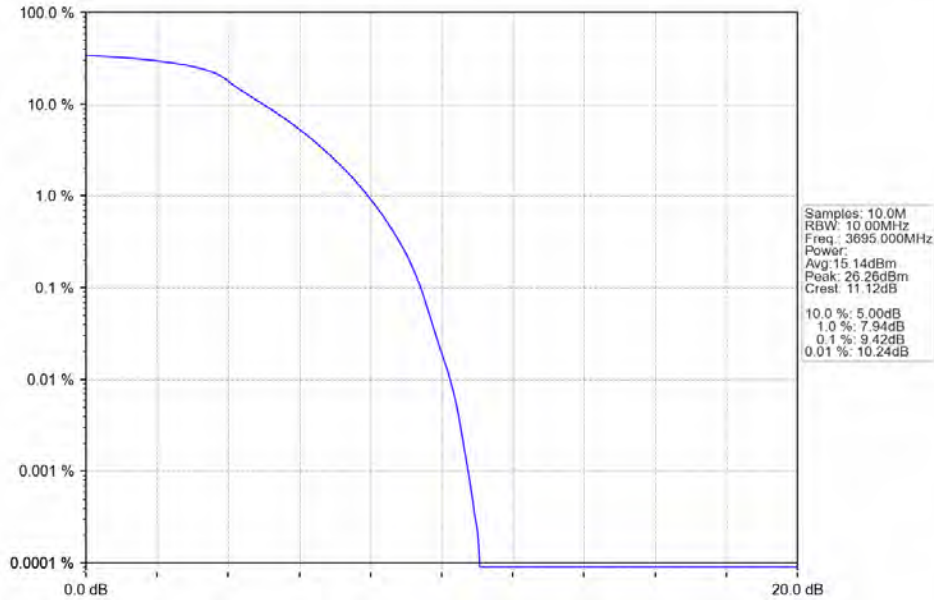
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Band43\_10MHz\_16QAM\_LCH\_3605MHz\_RB\_50\_0\_NTNV



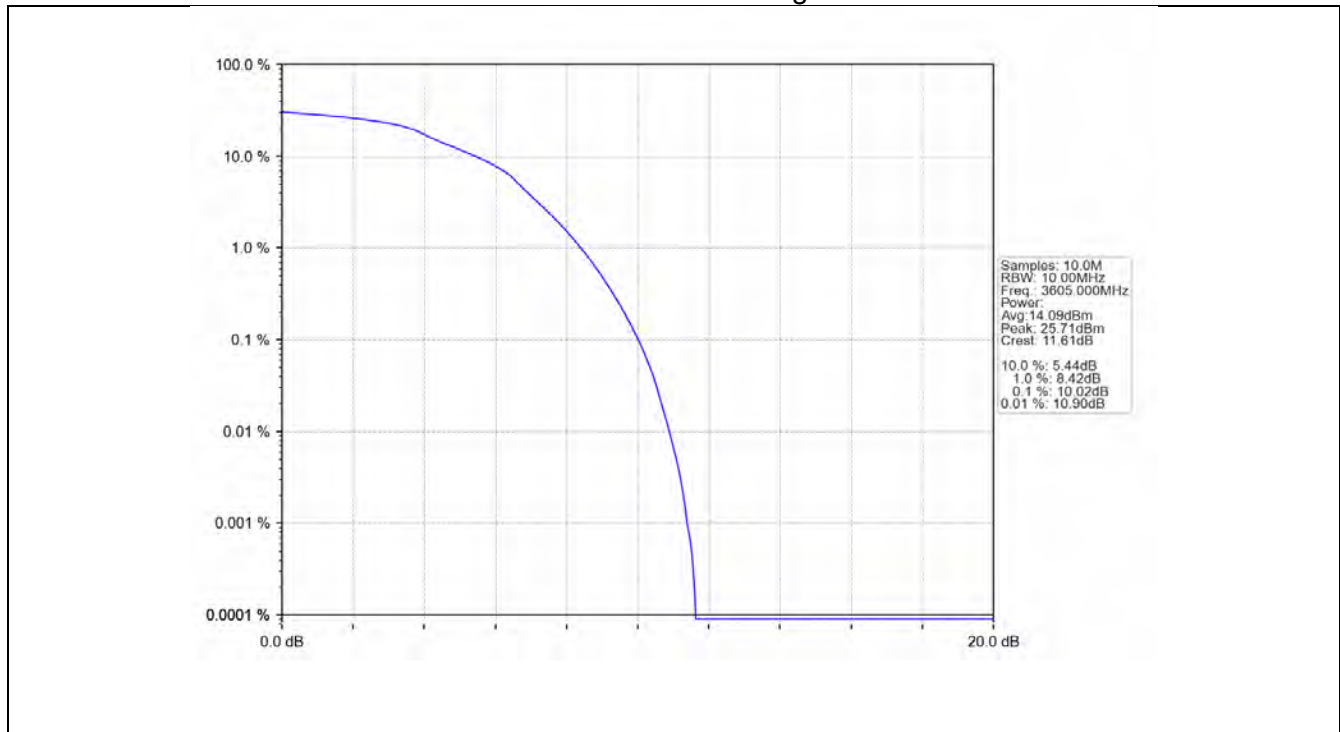
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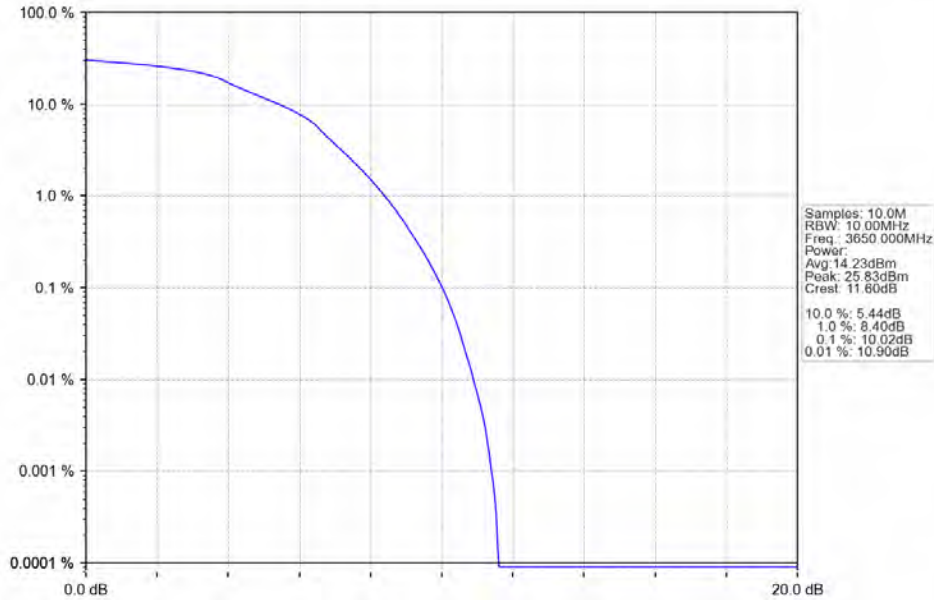
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Band43 10MHz 16QAM MCH 3650MHz RB 50\_0 NTN



Band43 10MHz 16QAM HCH 3695MHz RB 50\_0 NTN



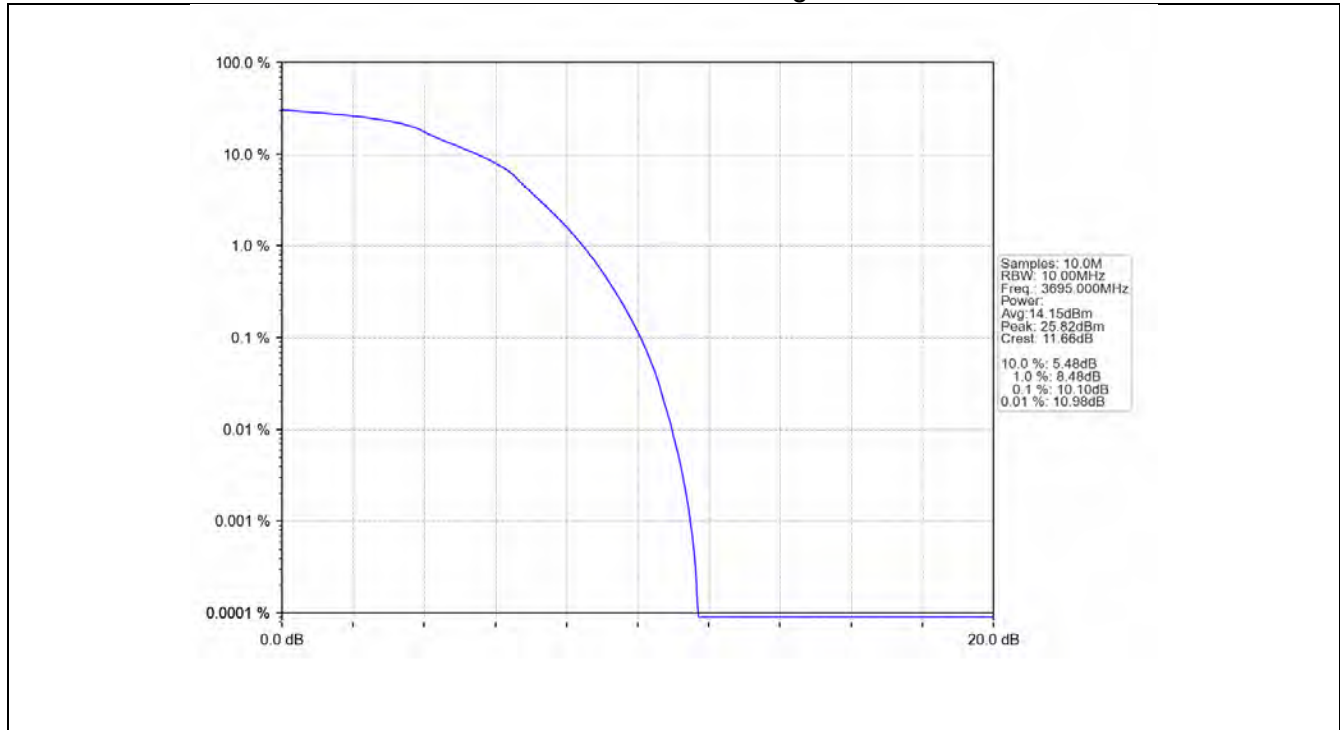
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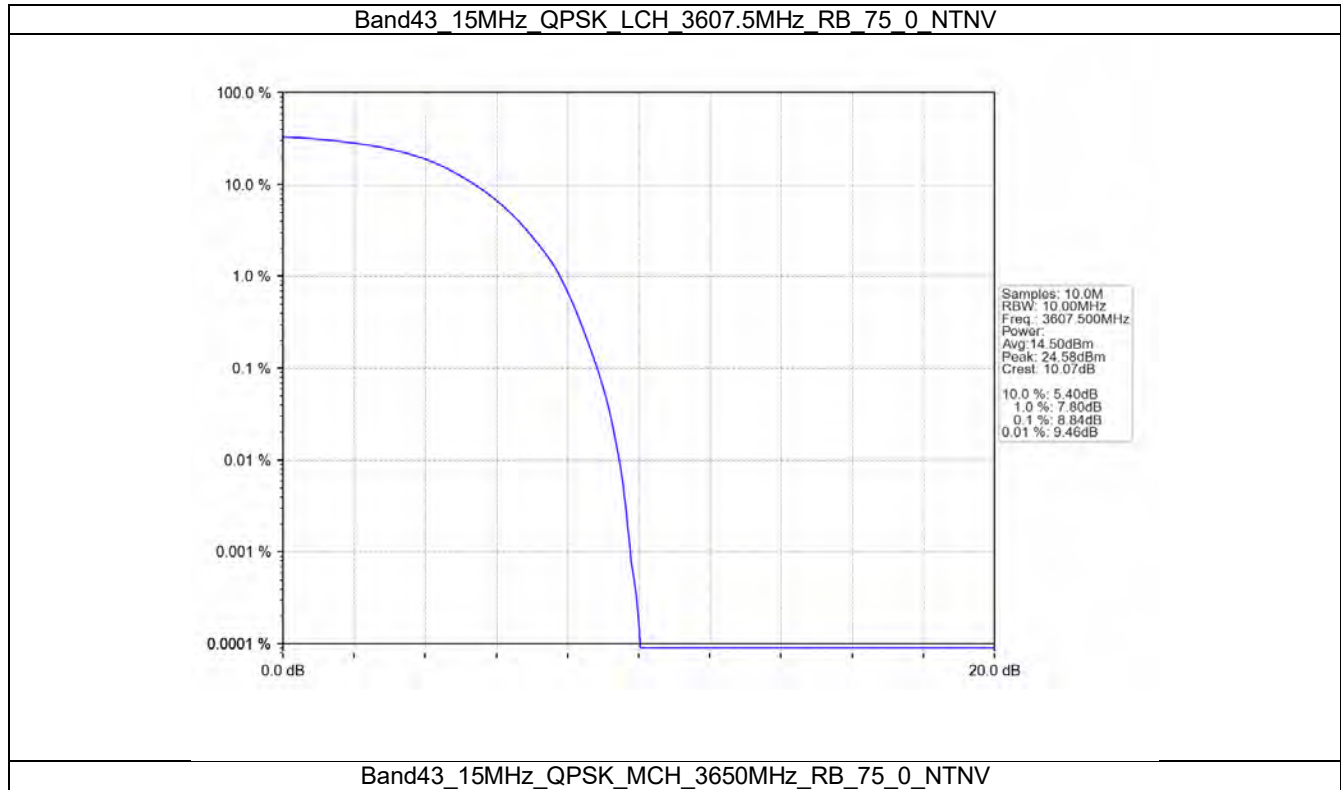


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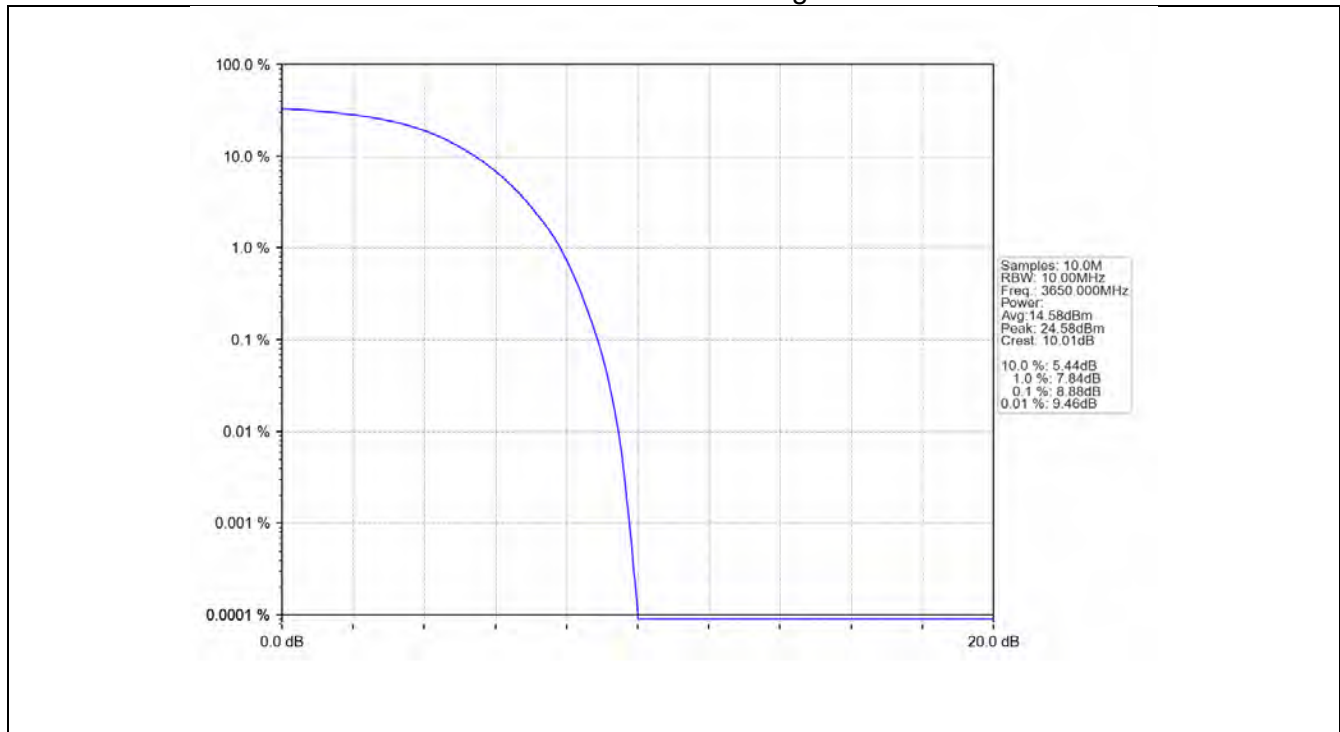
4.3.2 Test Graph



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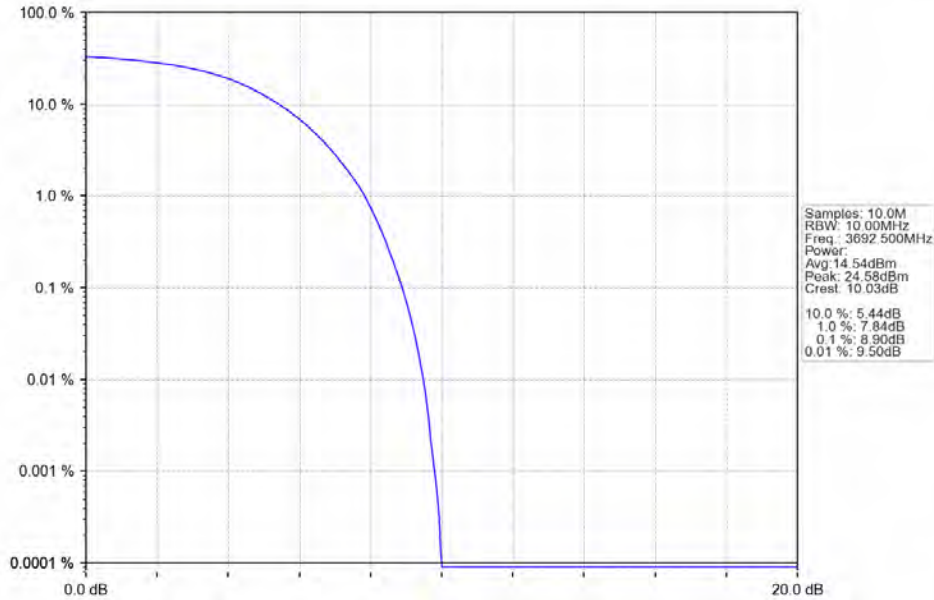


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Band43 15MHz\_16QAM\_LCH\_3607.5MHz RB 75\_0 NTN



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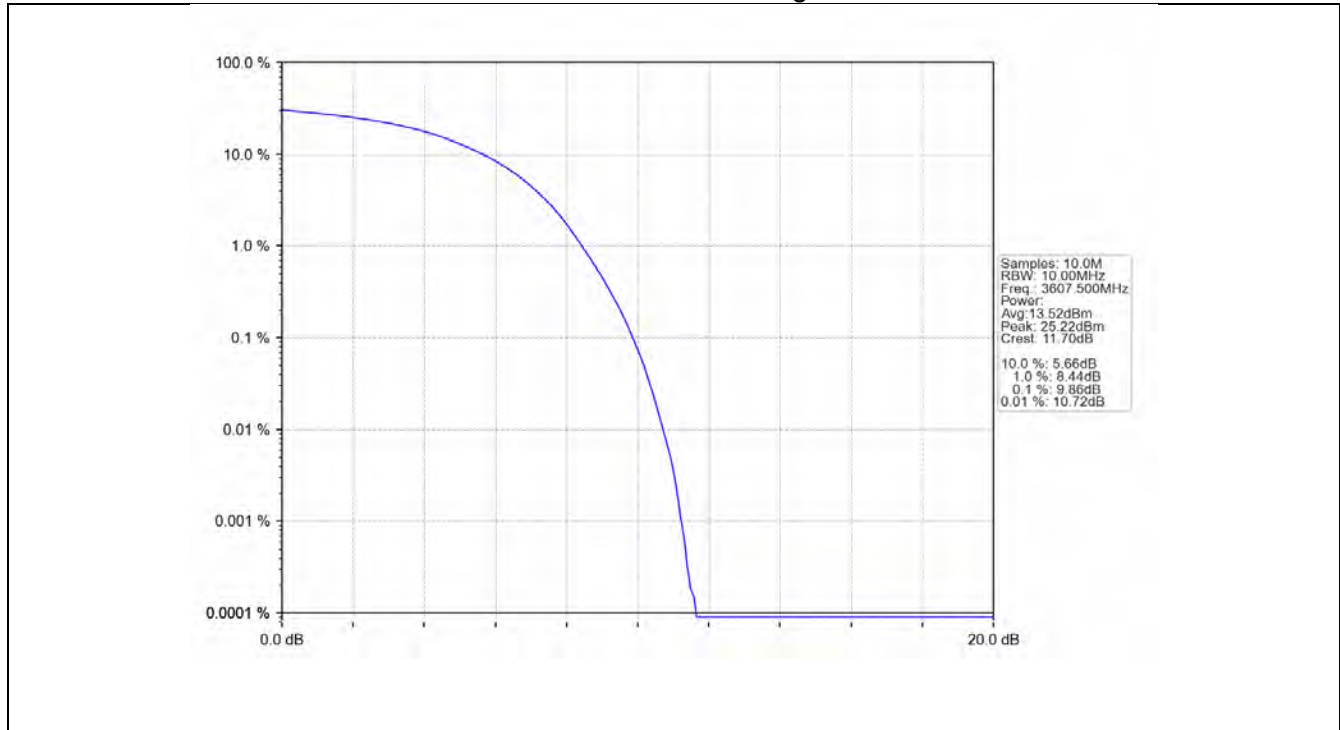
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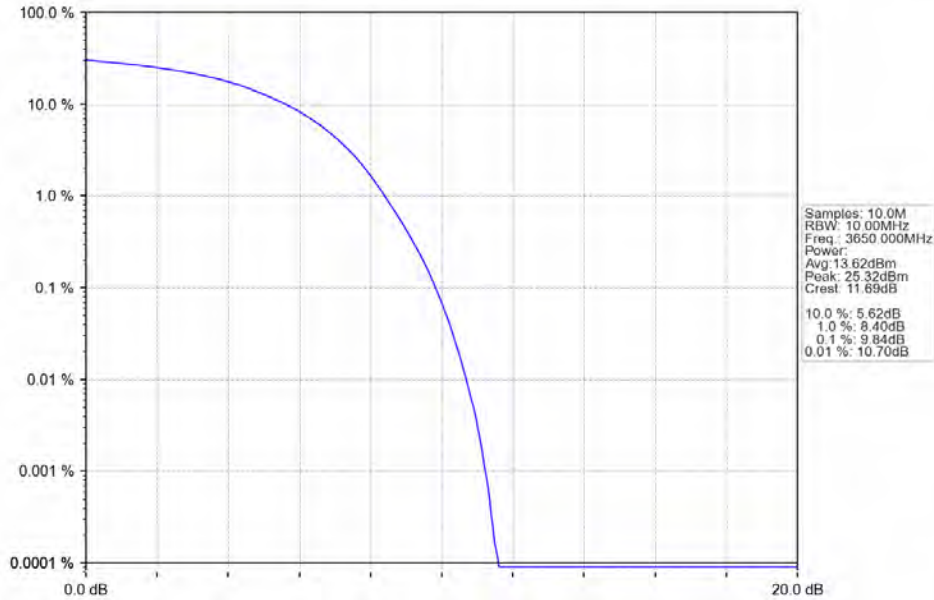
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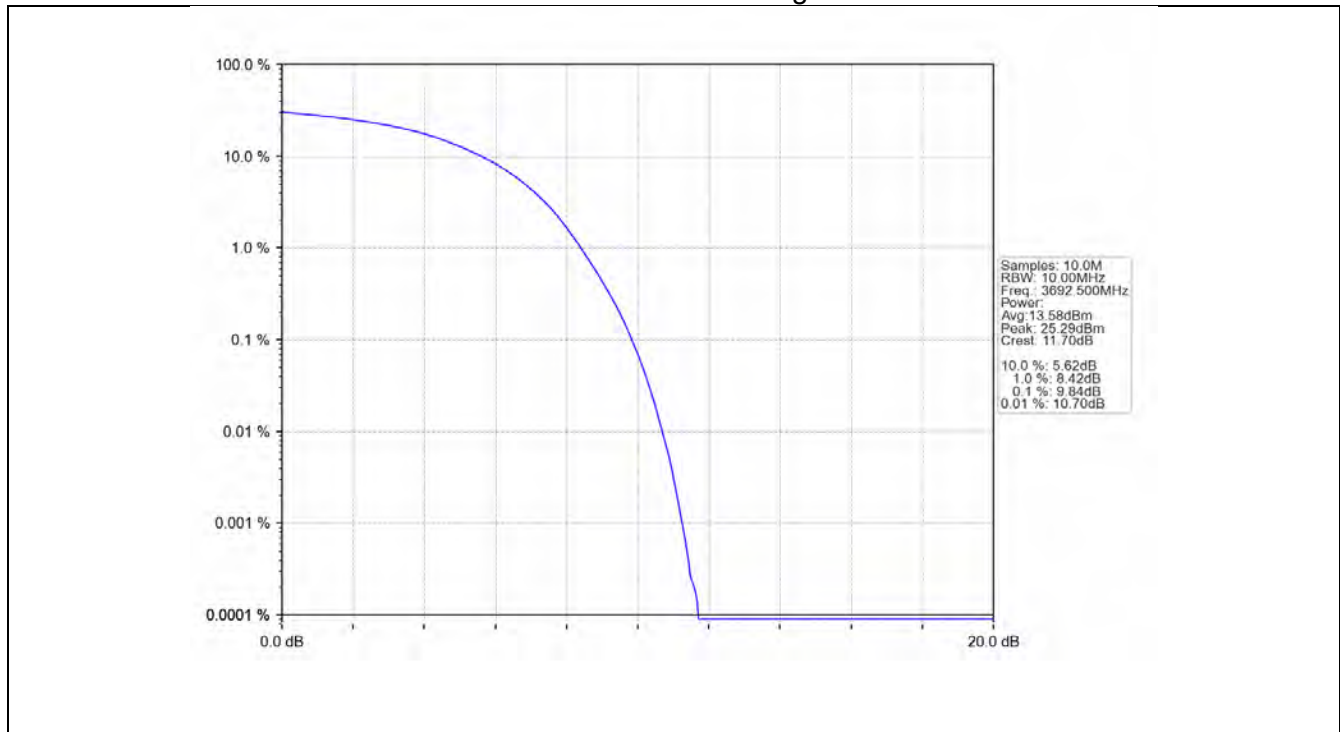
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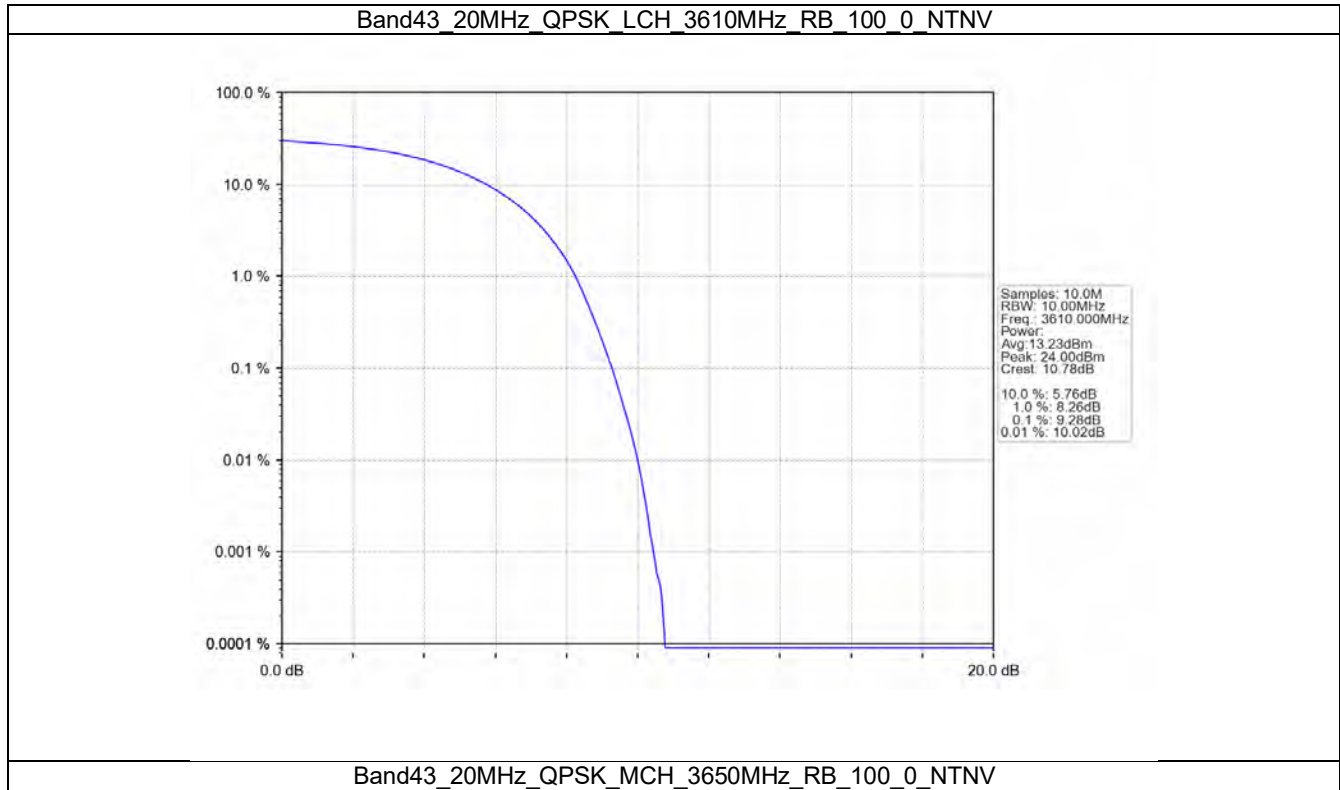
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4.4.2 Test Graph

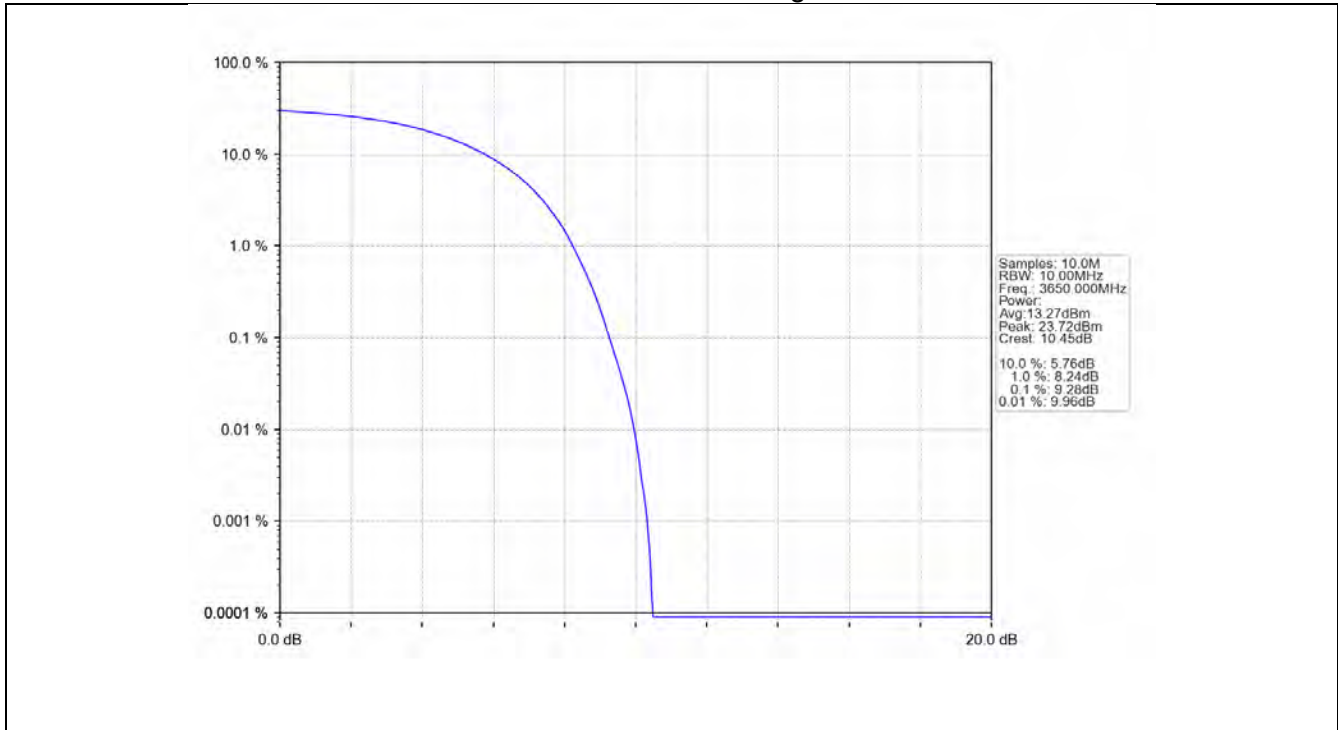


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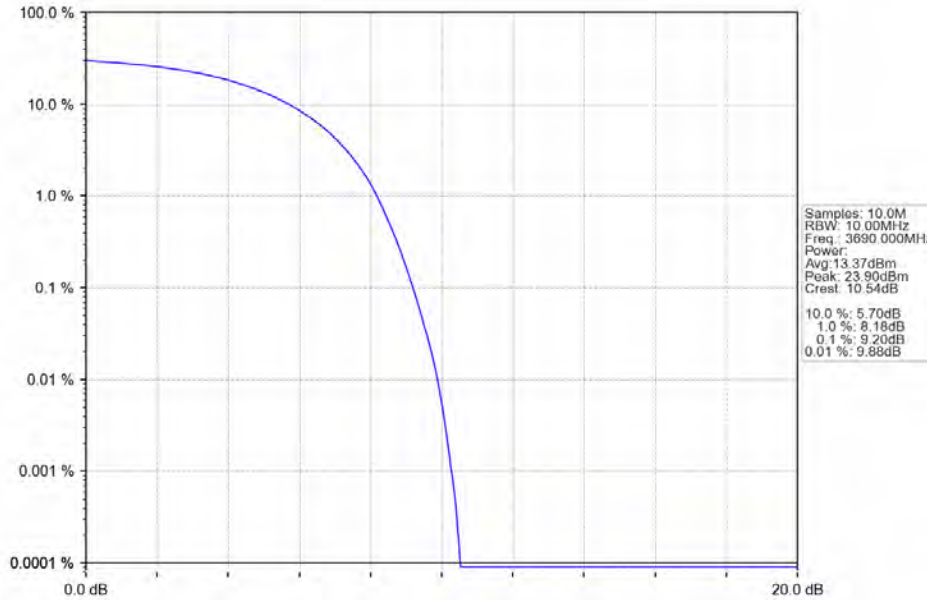


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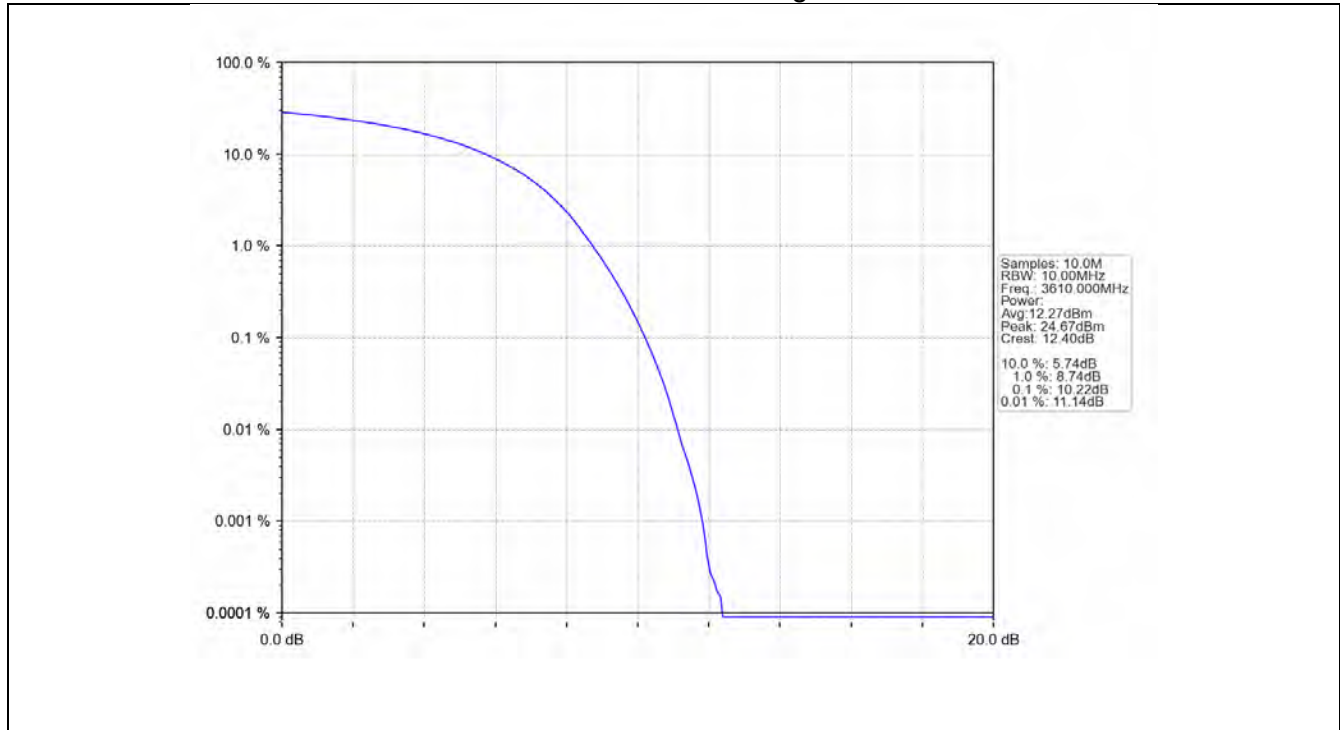
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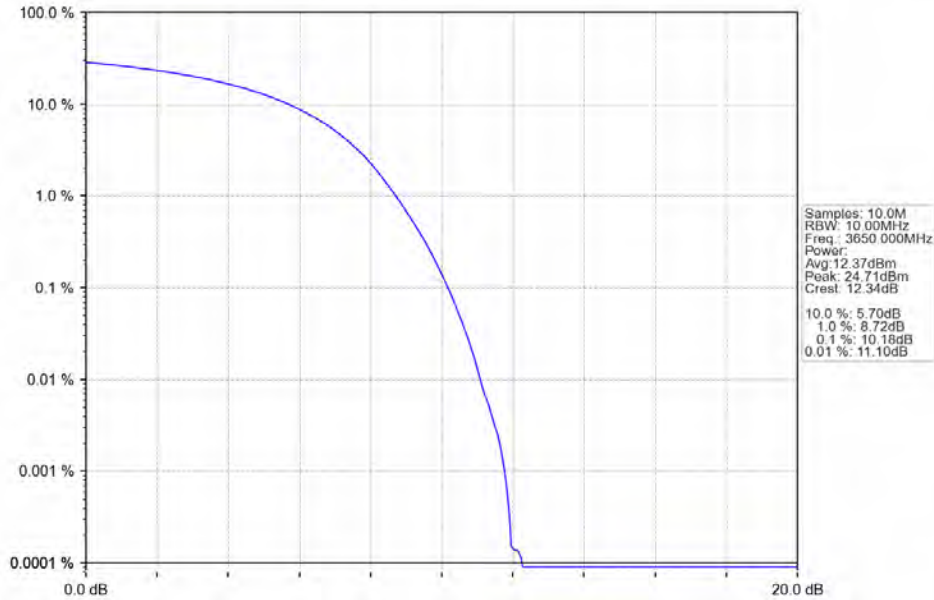
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Rev.: 01

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Band43\_20MHz\_16QAM\_MCH\_3650MHz\_RB\_100\_0\_NTNV



Band43\_20MHz\_16QAM\_HCH\_3690MHz\_RB\_100\_0\_NTNV



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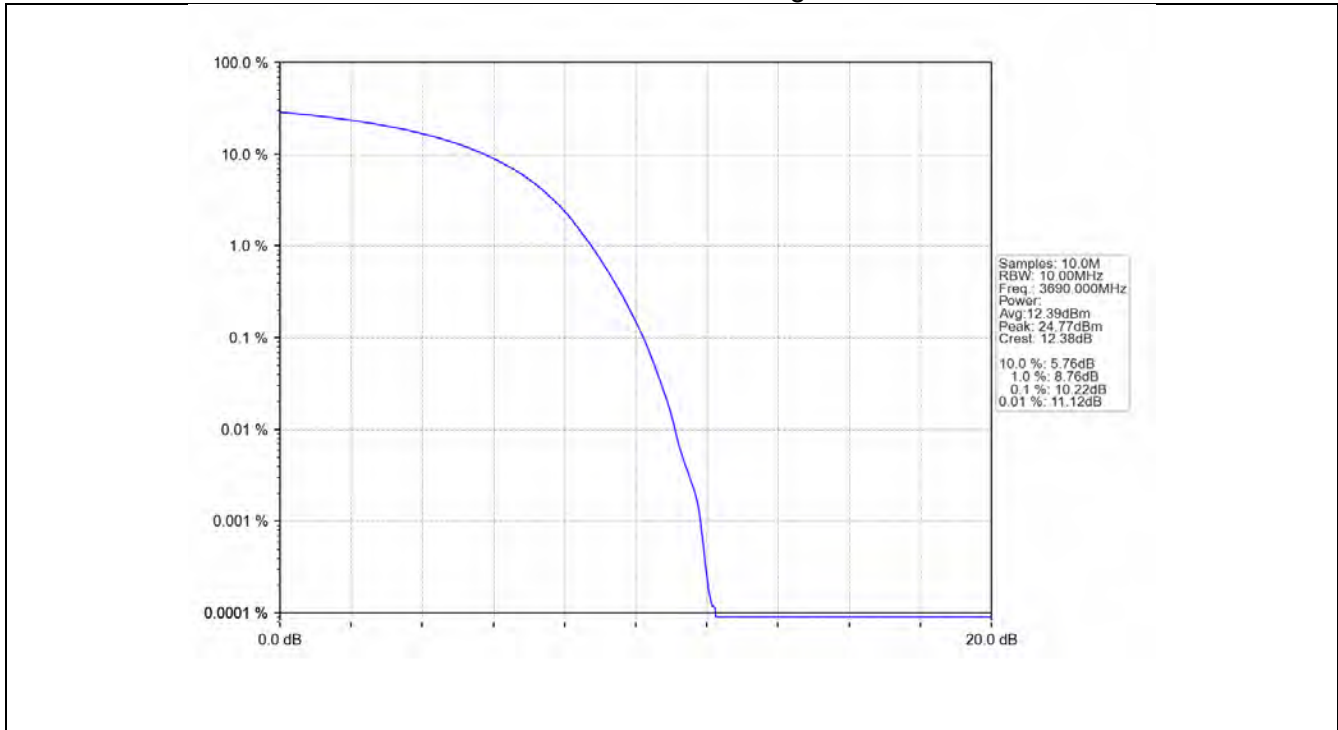
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## 5. Spurious Emission & Band Edge

### 5.1 B43\_5MHz

#### 5.1.1 Test Result

Band: 43 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

### 5.2 B43\_10MHz

#### 5.2.1 Test Result

Band: 43 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

### 5.3 B43\_15MHz

#### 5.3.1 Test Result

Band: 43 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3692.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass



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5.4 B43\_20MHz

5.4.1 Test Result

Band: 43 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
	3690	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



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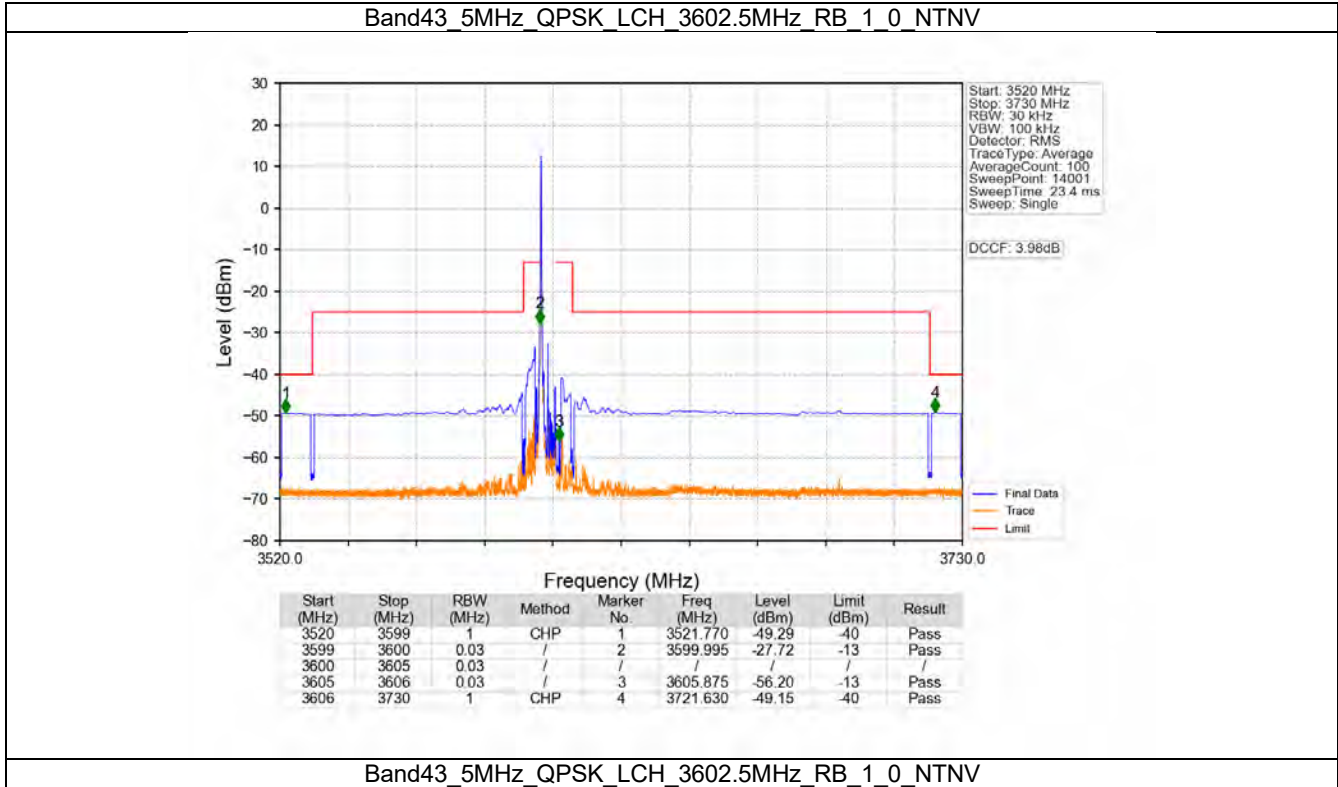
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5.1.2 Test Graph

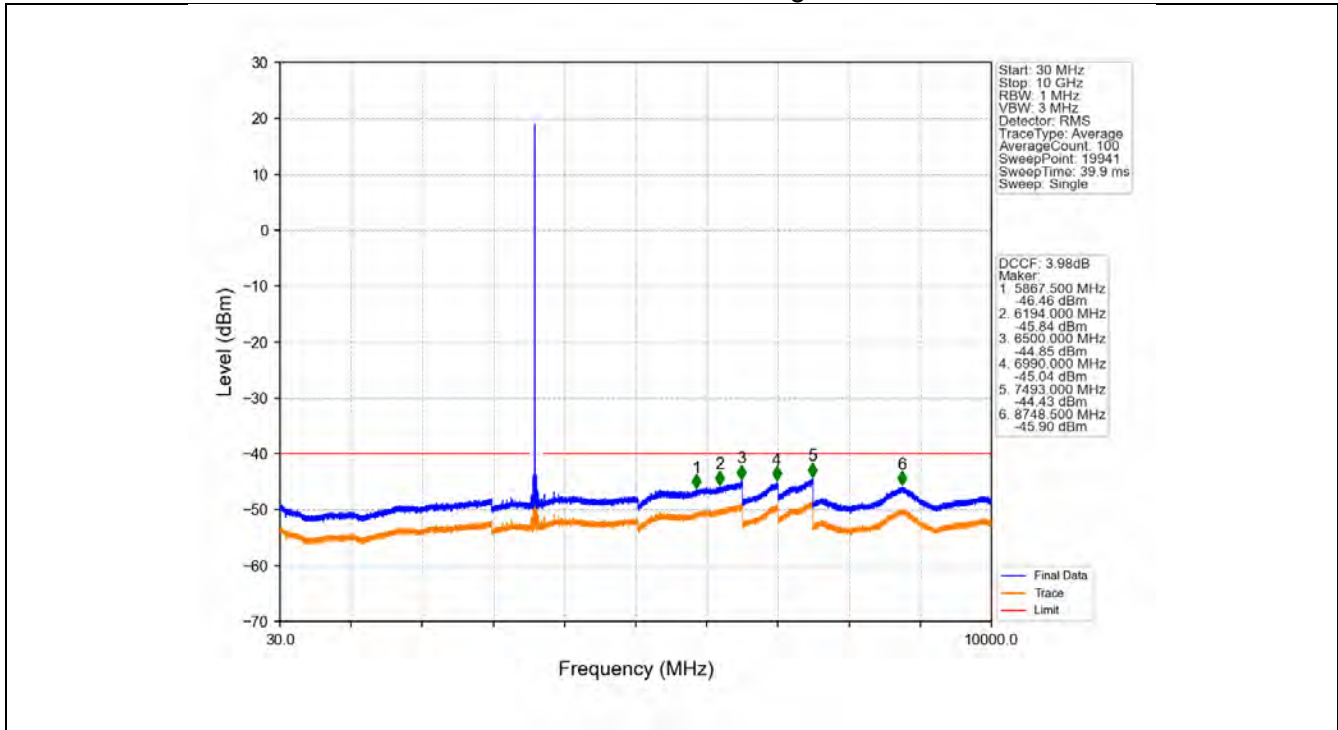


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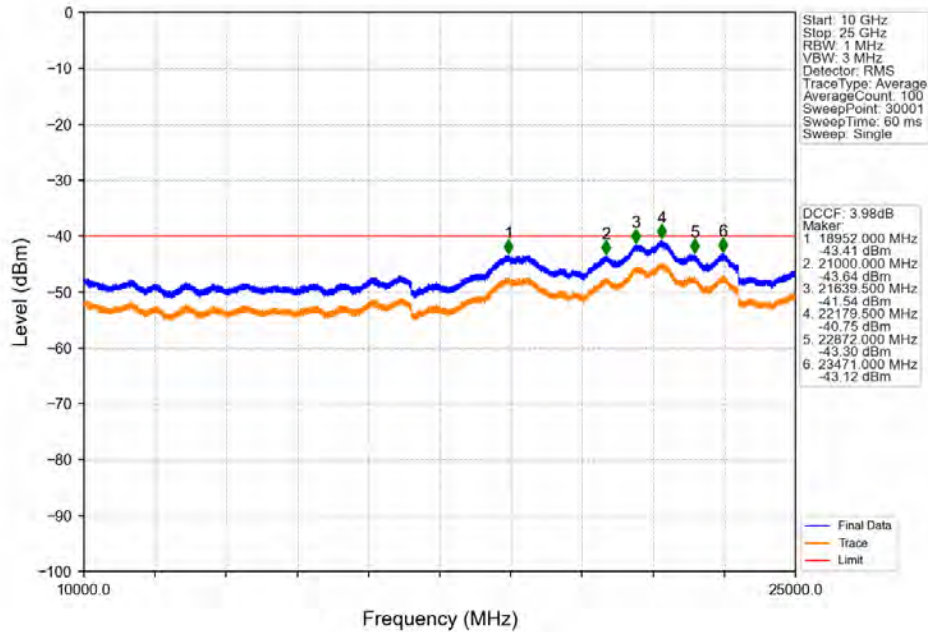


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Band43\_5MHz\_QPSK\_LCH\_3602.5MHz\_RB\_1\_0\_NTNV



Band43\_5MHz\_QPSK\_LCH\_3602.5MHz\_RB\_1\_0\_NTNV



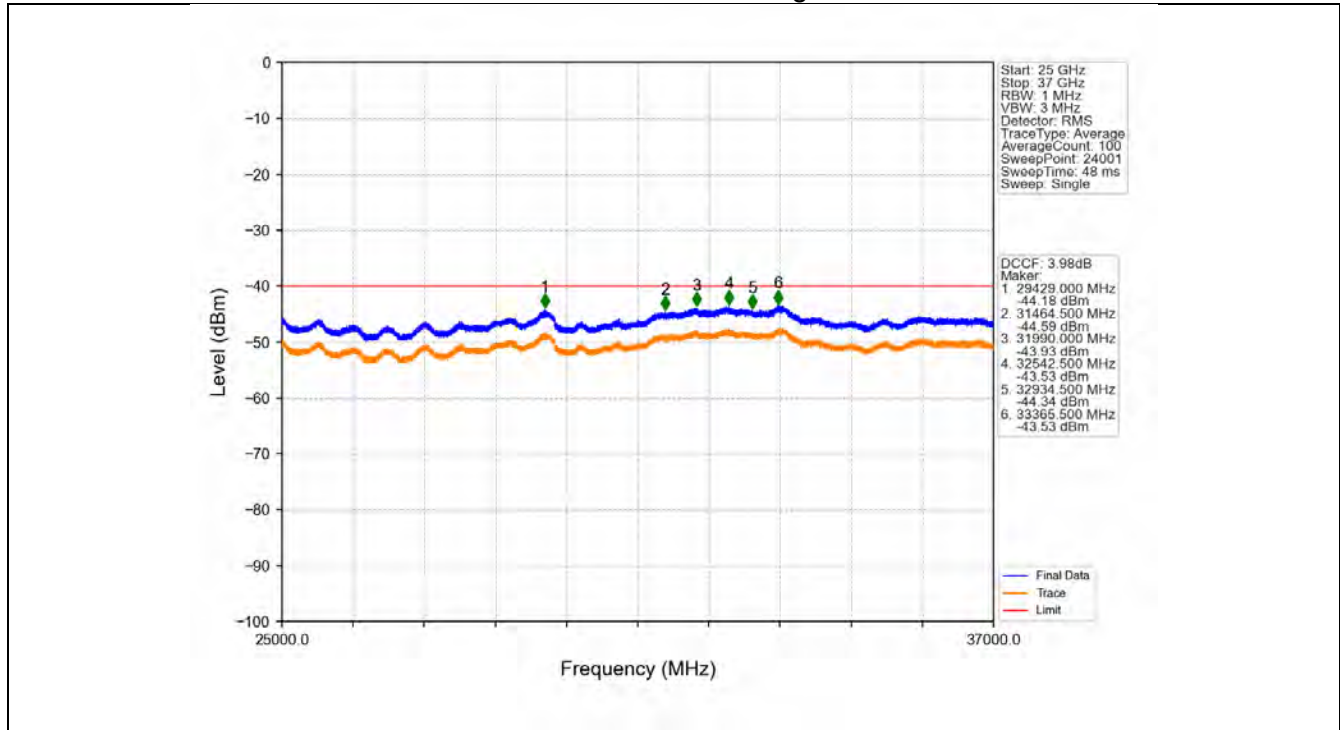
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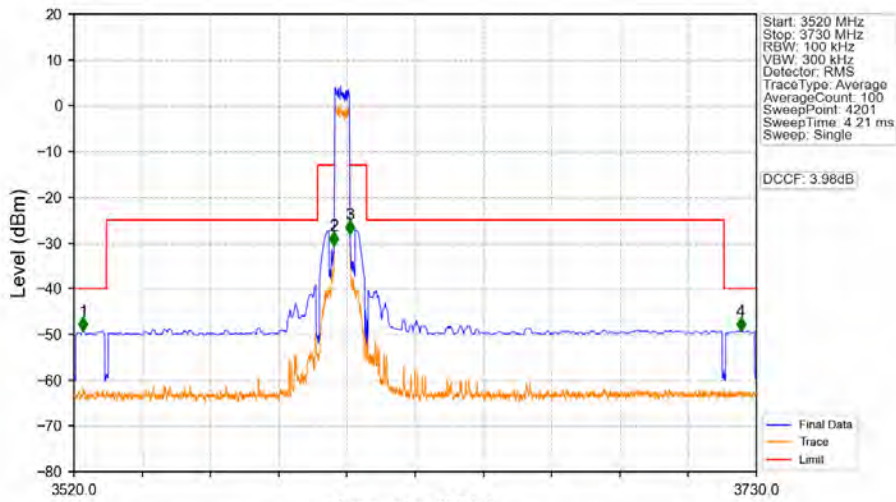
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3599	1	CHP	1	3522.750	-49.32	-40	Pass
3599	3600	0.1	/	2	3600.000	-30.58	-13	Pass
3600	3605	0.1	/	/	/	/	/	/
3605	3606	0.1	/	3	3605.000	-28.15	-13	Pass
3606	3730	1	CHP	4	3725.250	-49.29	-40	Pass

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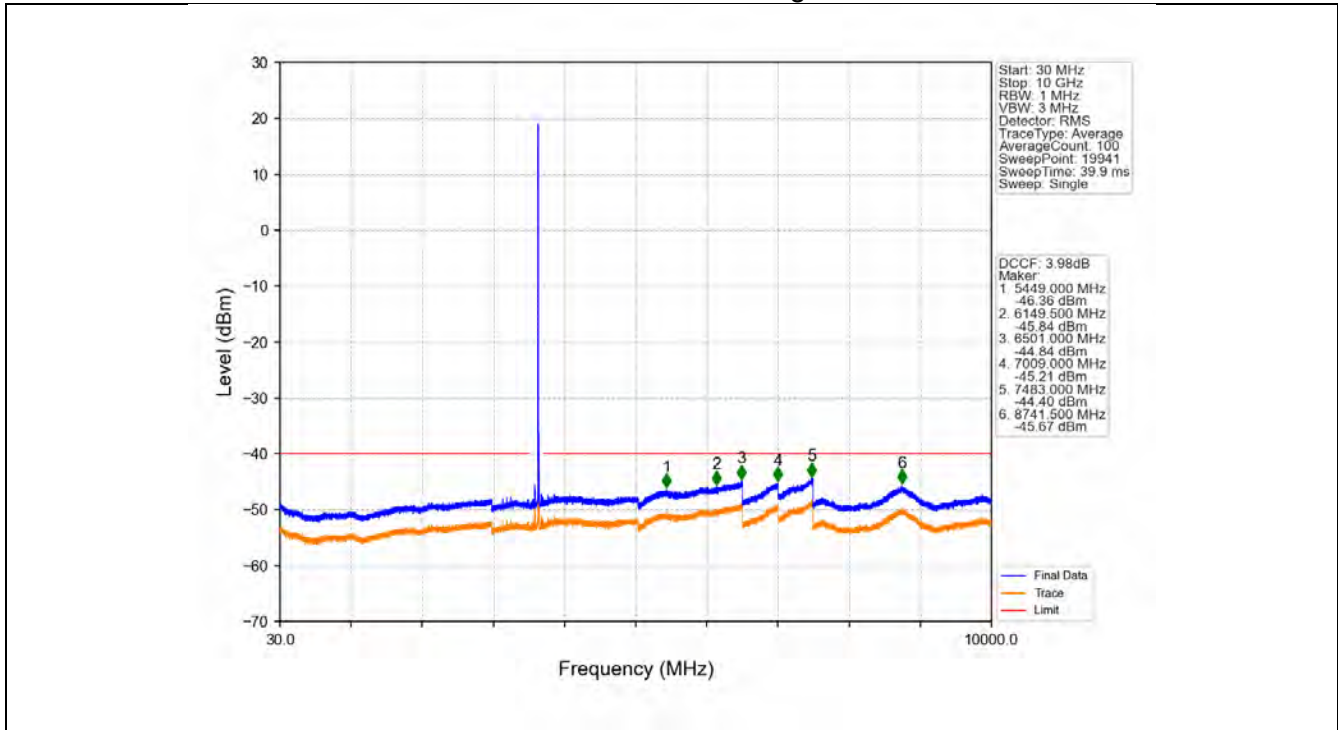
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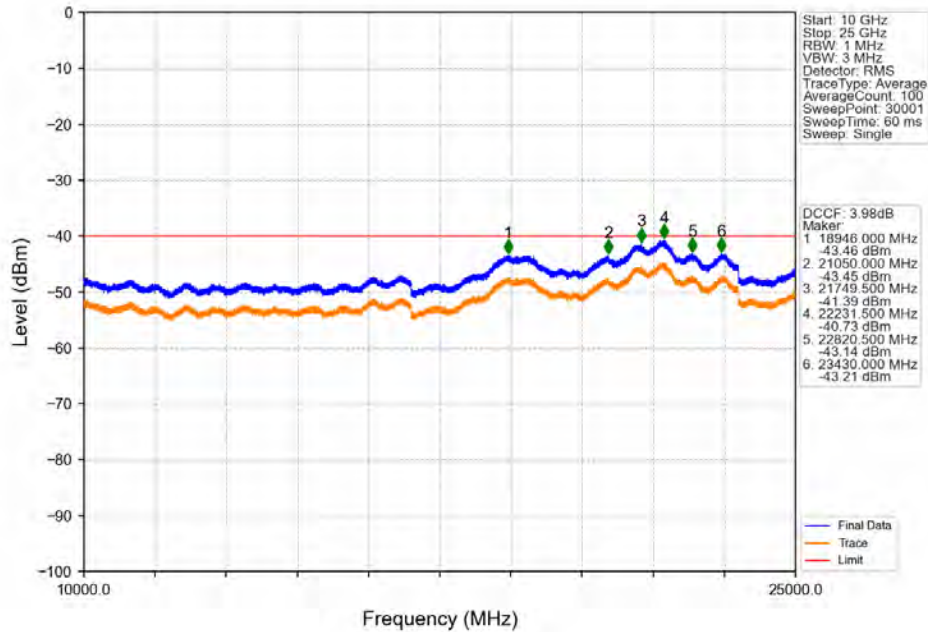
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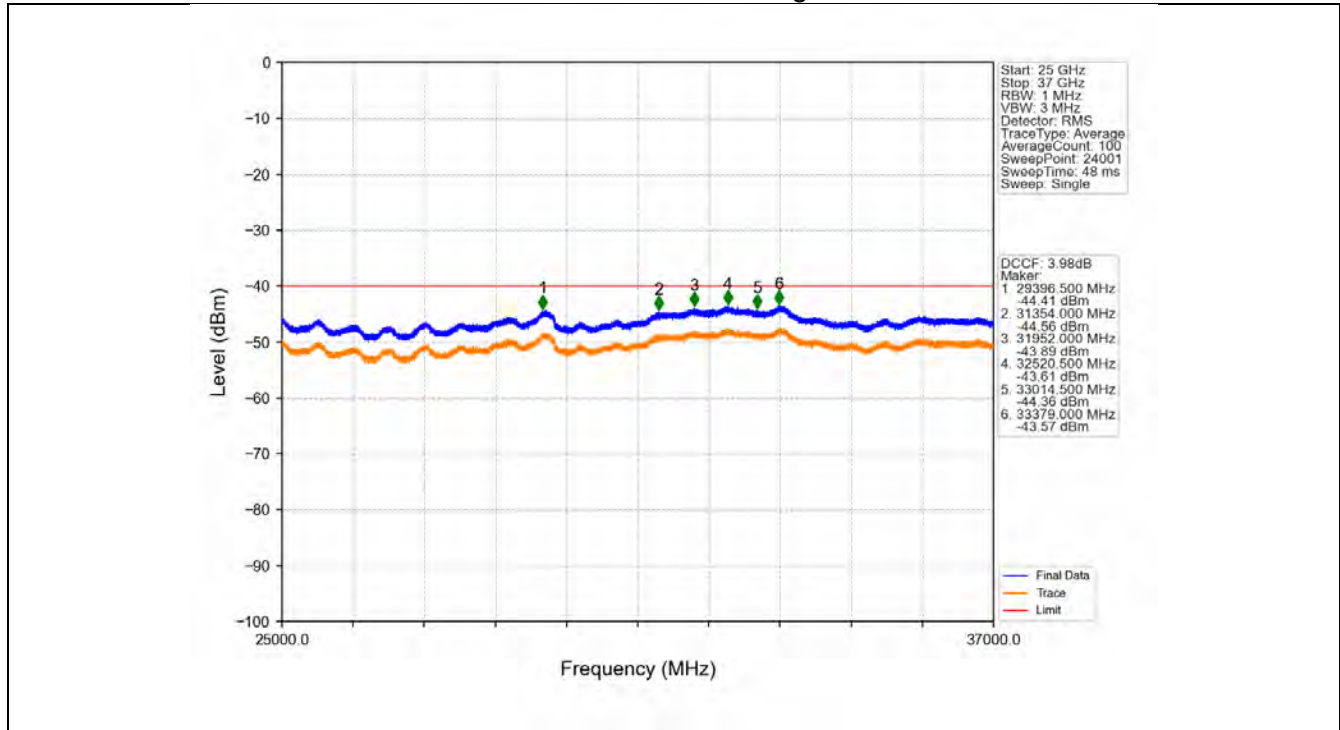
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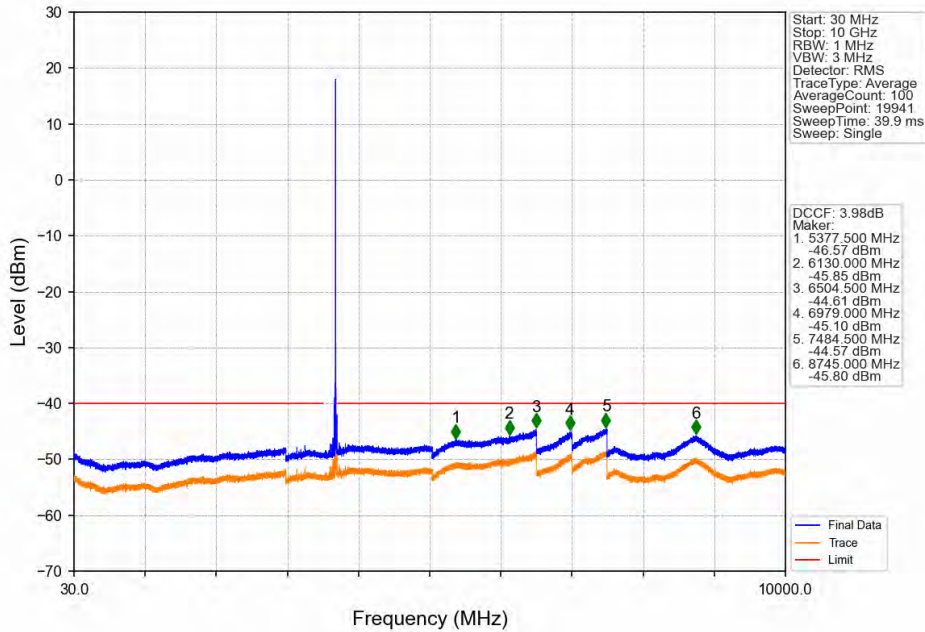


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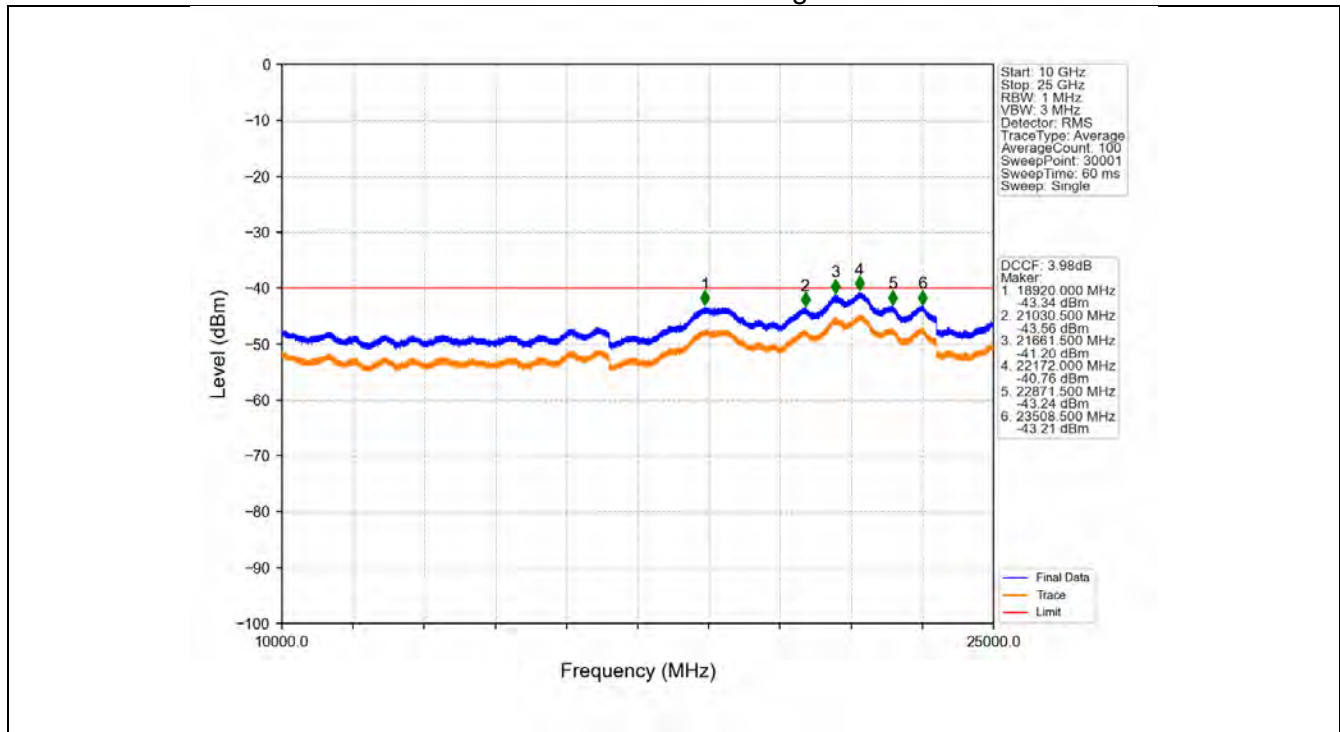
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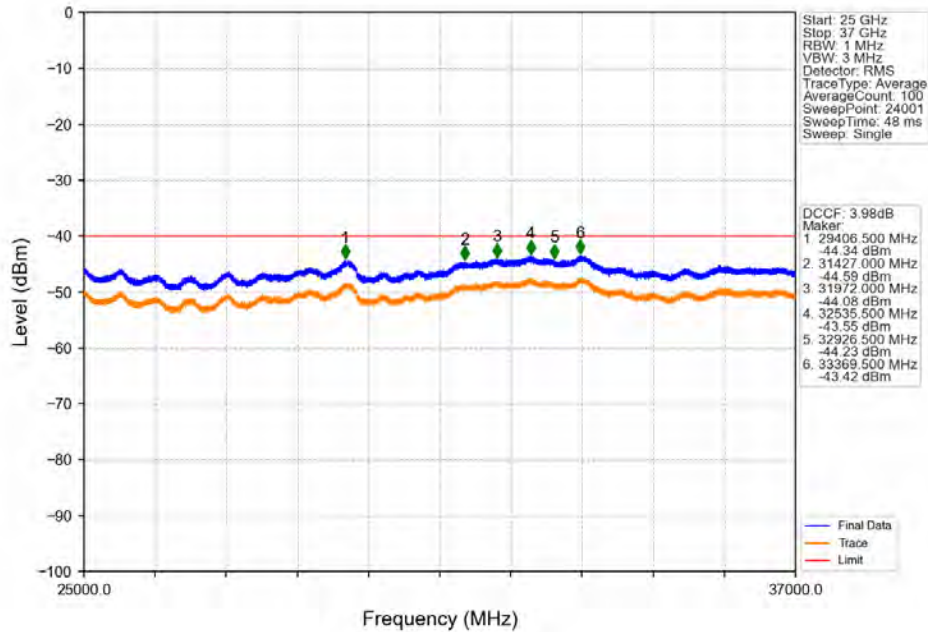
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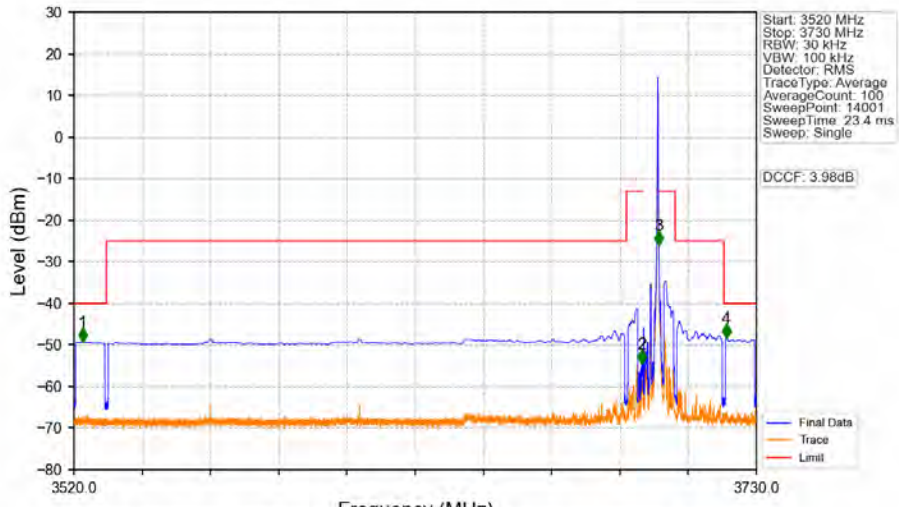
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3694	1	CHP	1	3522.730	-49.29	-40	Pass
3694	3695	0.03	/	2	3694.690	-54.59	-13	Pass
3695	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-26.11	-13	Pass
3701	3730	1	CHP	4	3720.700	-48.39	-40	Pass

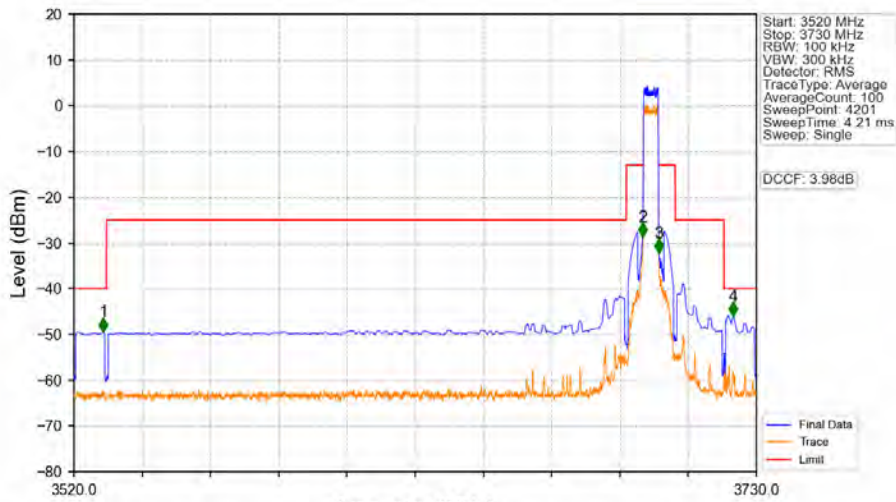


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Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3694	1	CHP	1	3529.050	-49.43	-40	Pass
3694	3695	0.1	/	2	3695.000	-28.69	-13	Pass
3695	3700	0.1	/	/	/	/	/	/
3700	3701	0.1	/	3	3700.000	-32.17	-13	Pass
3701	3730	1	CHP	4	3722.900	-45.91	-40	Pass



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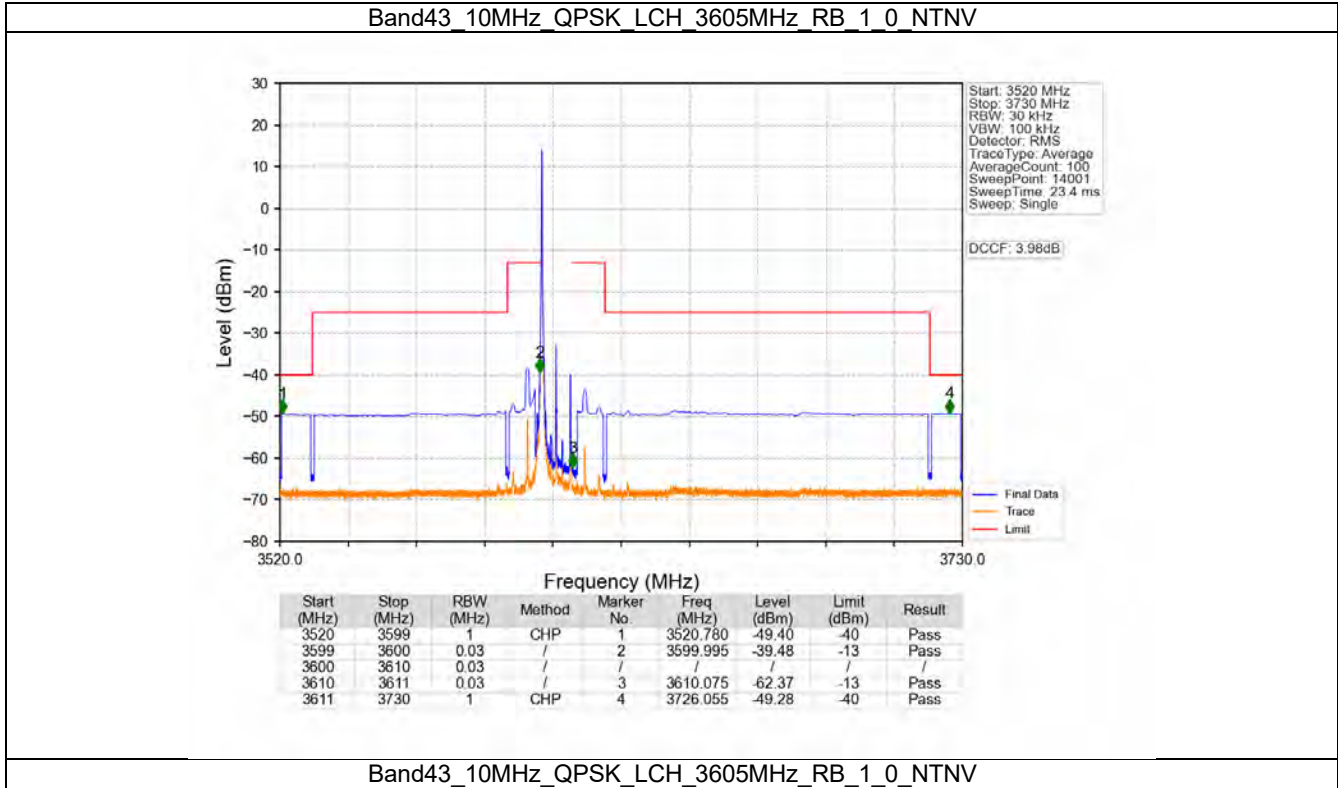
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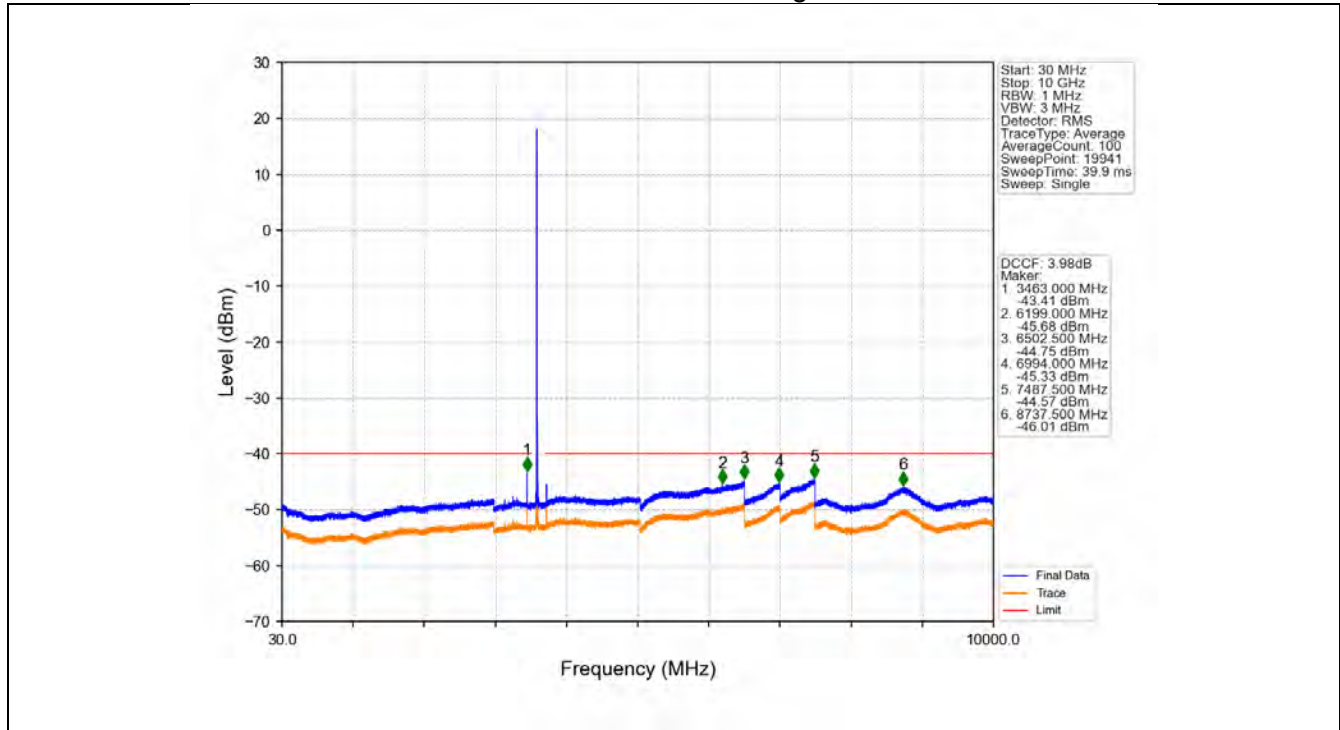
5.2.2 Test Graph



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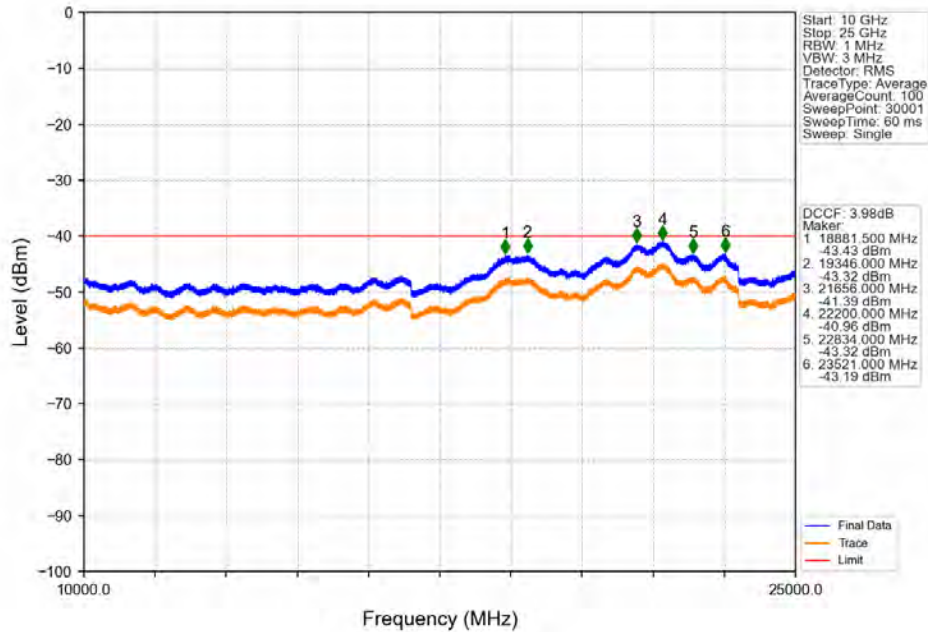


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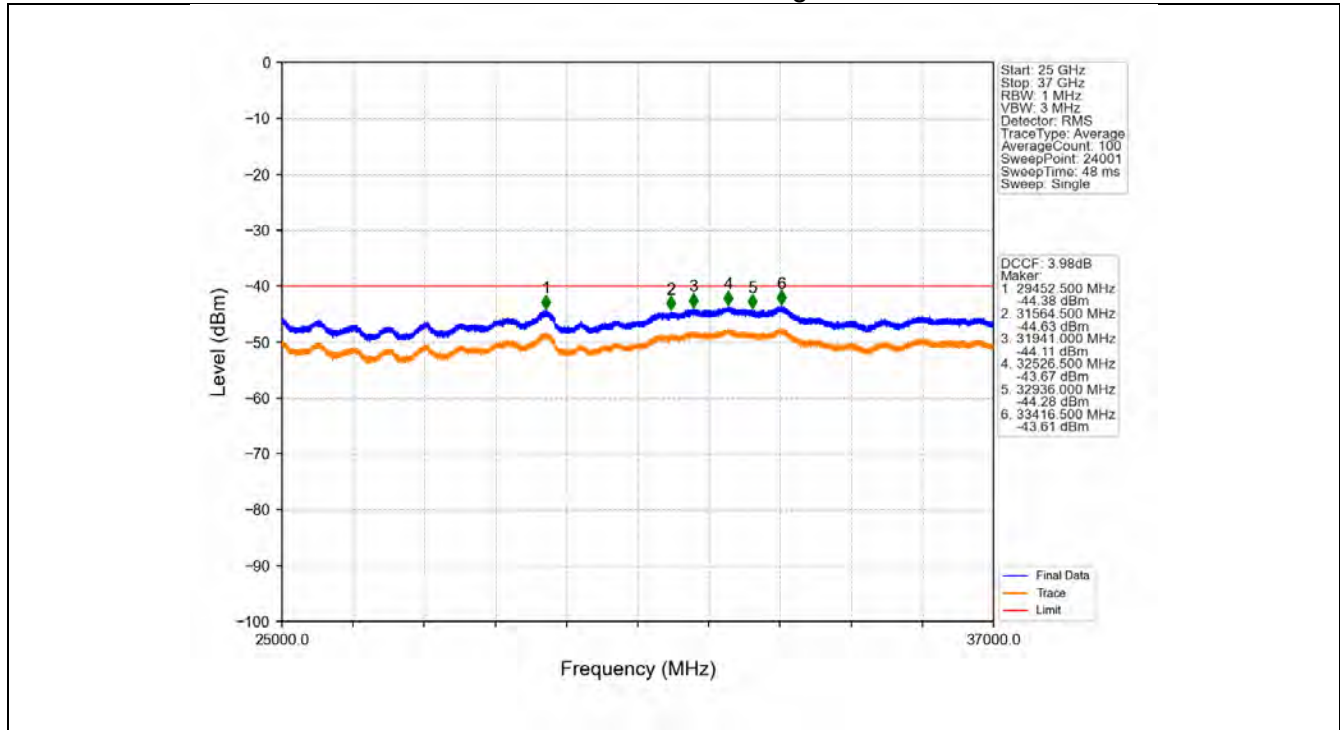
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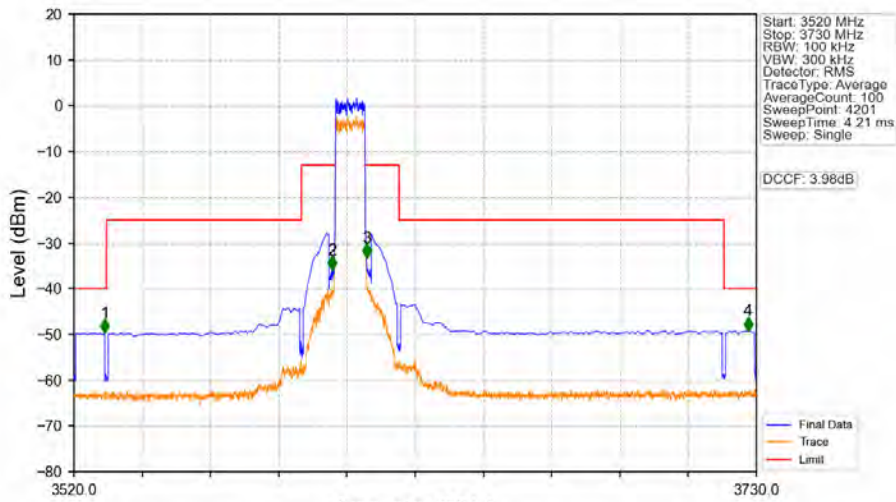
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Band43\_10MHz\_QPSK\_LCH\_3605MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3599	1	CHP	1	3529.450	-49.69	-40	Pass
3599	3600	0.1	/	2	3599.400	-35.91	-13	Pass
3600	3610	0.1	/	3	3610.000	-33.33	-13	Pass
3610	3611	0.1	/	4	3610.000	-33.33	-13	Pass
3611	3730	1	CHP	4	3727.500	-49.24	-40	Pass

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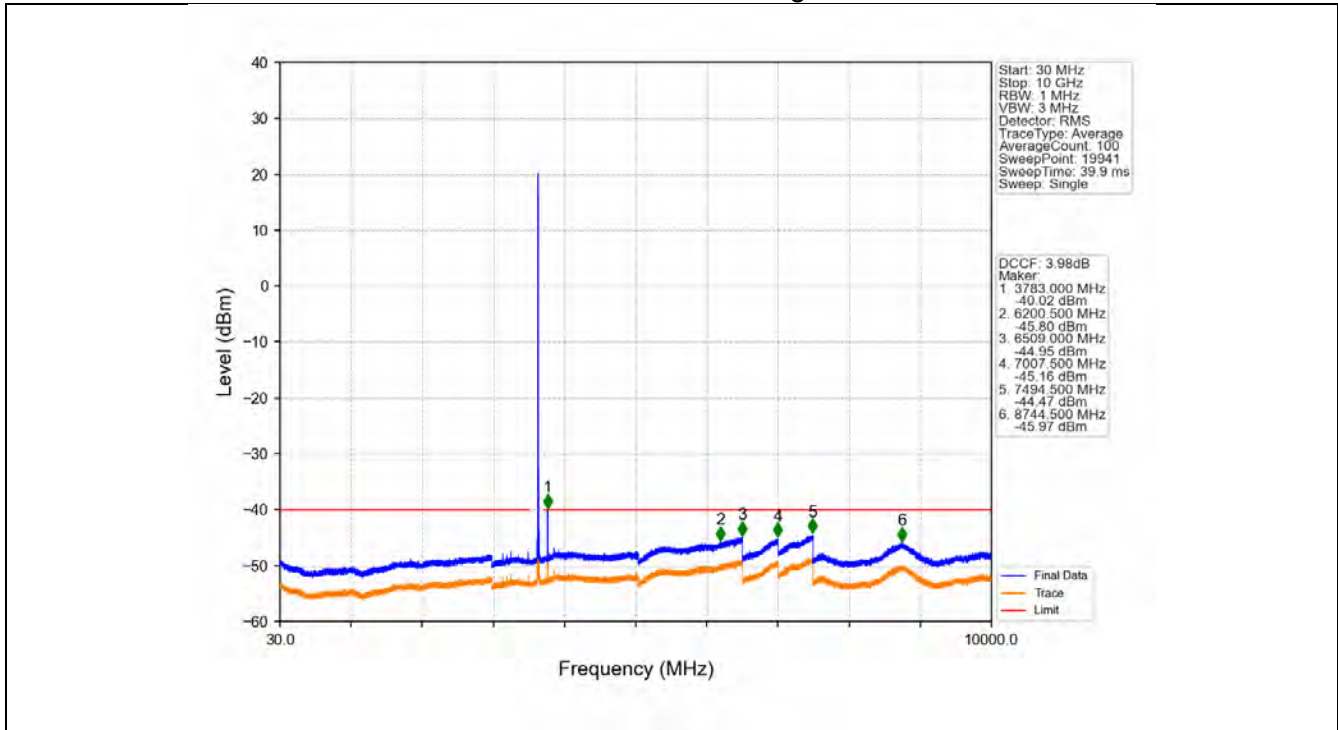


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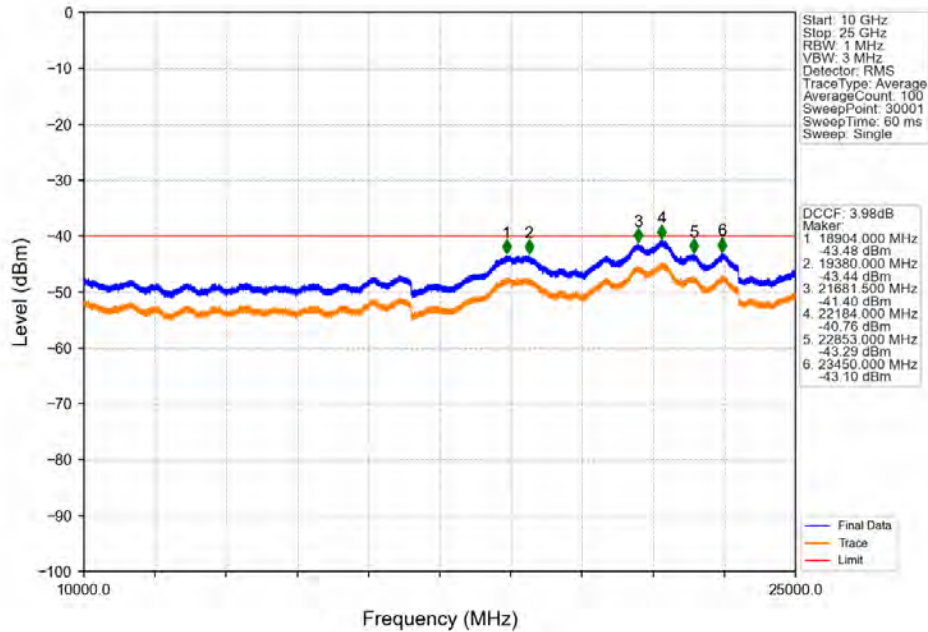


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Band43\_10MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



Band43\_10MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



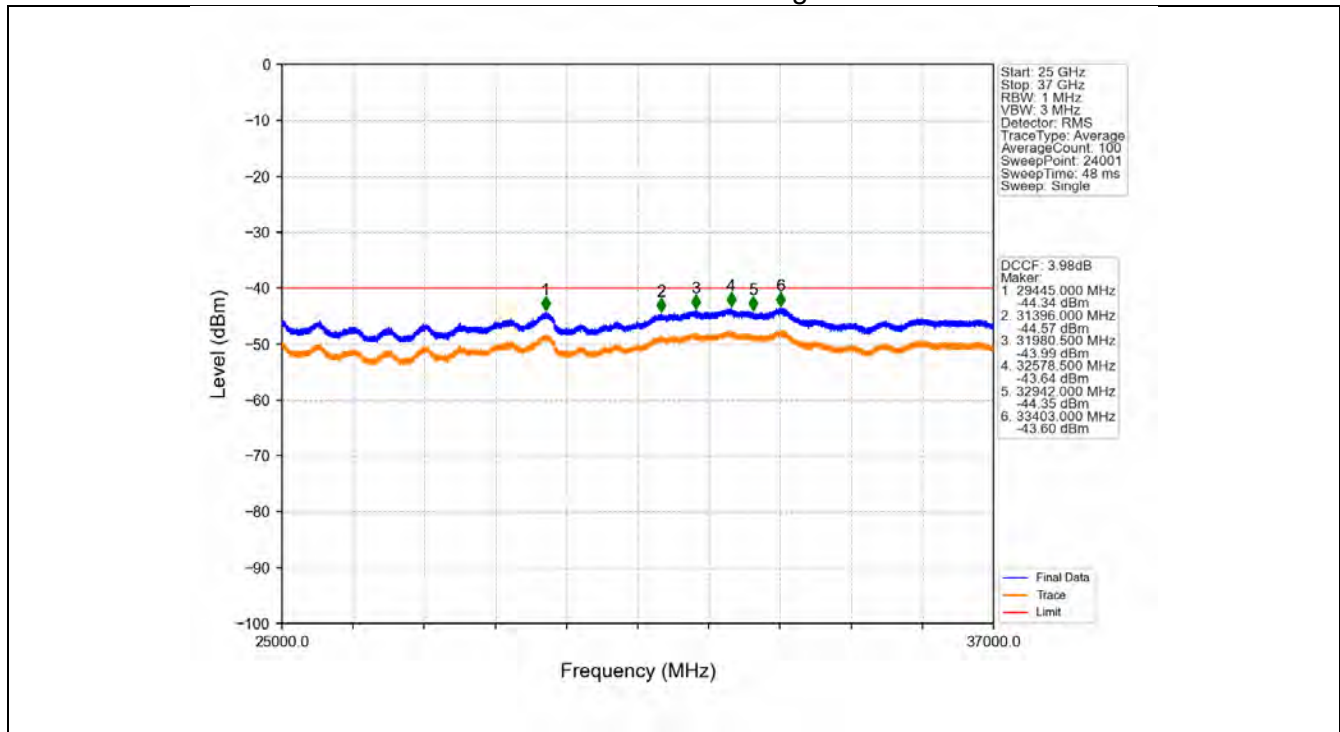
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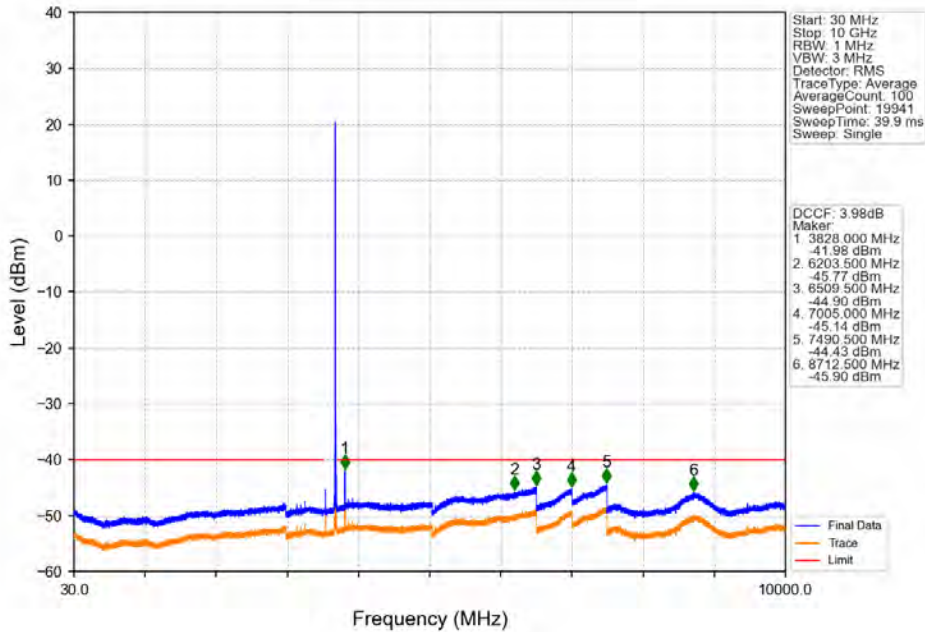
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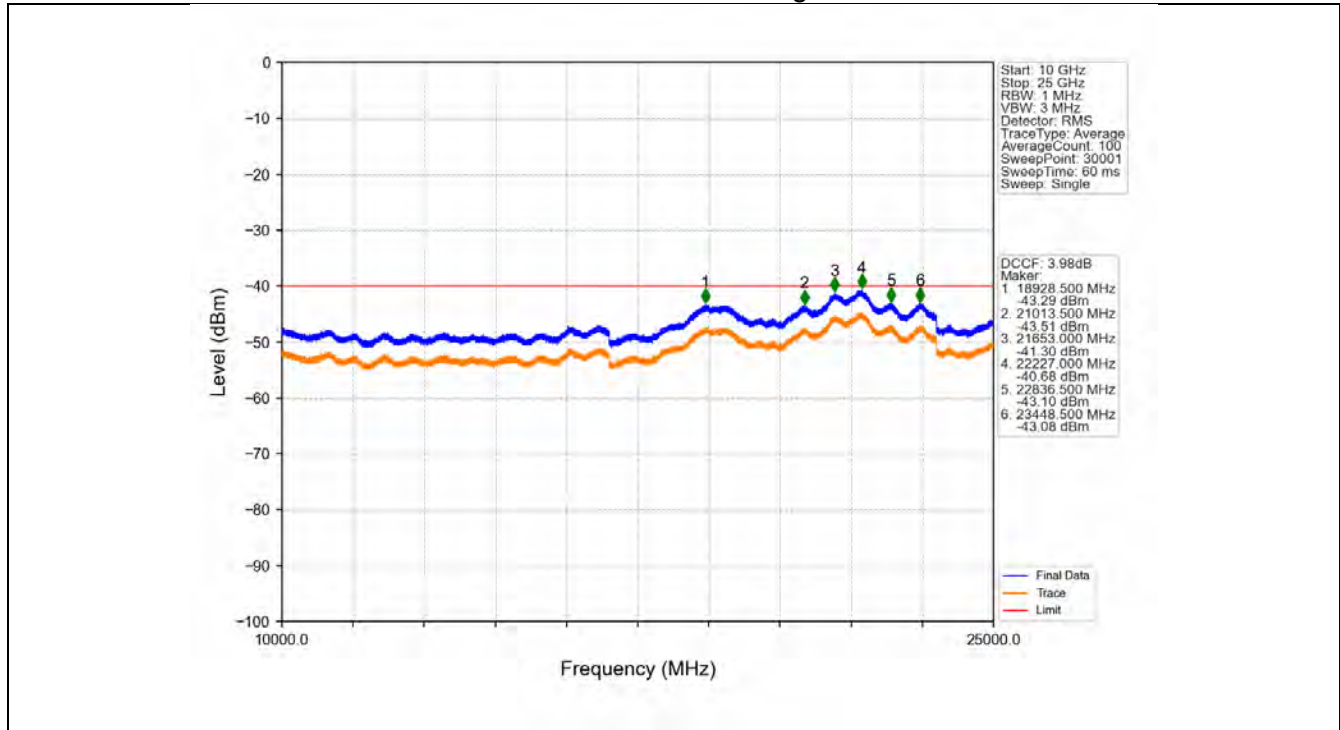
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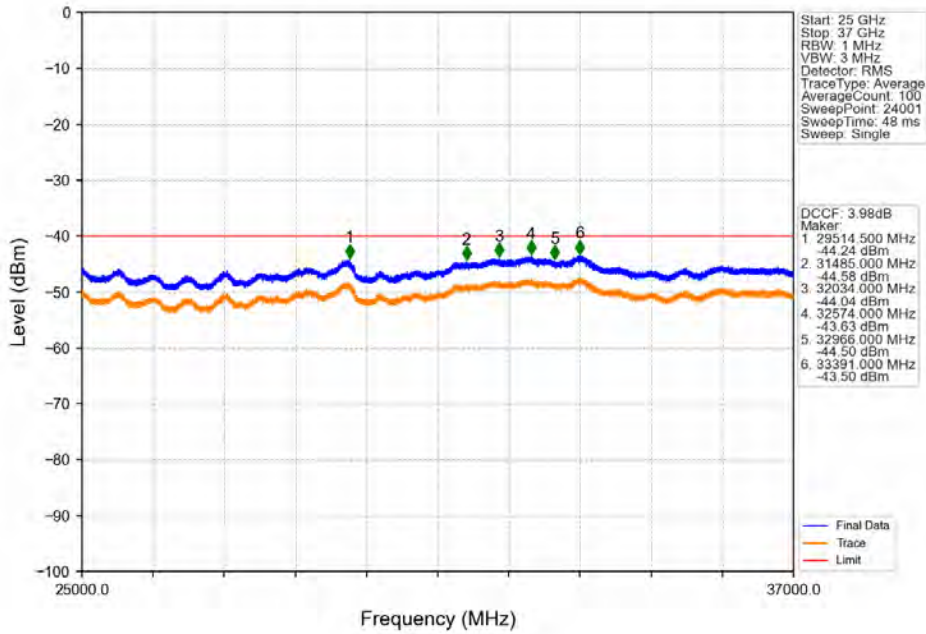
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Band43\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTNV

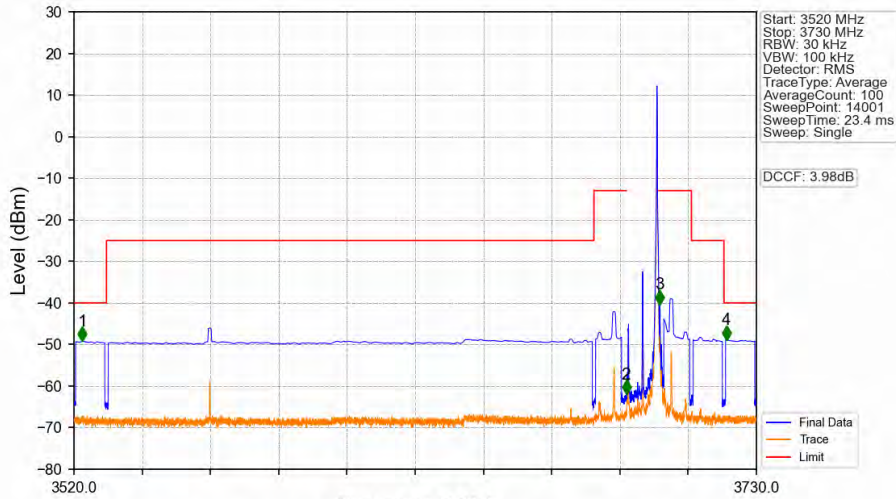


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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689	1	CHP	1	3522.595	-49.19	-40	Pass
3689	3690	0.03	/	2	3689.935	-61.97	-13	Pass
3690	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.300	-40.36	-13	Pass
3701	3730	1	CHP	4	3720.760	-48.89	-40	Pass

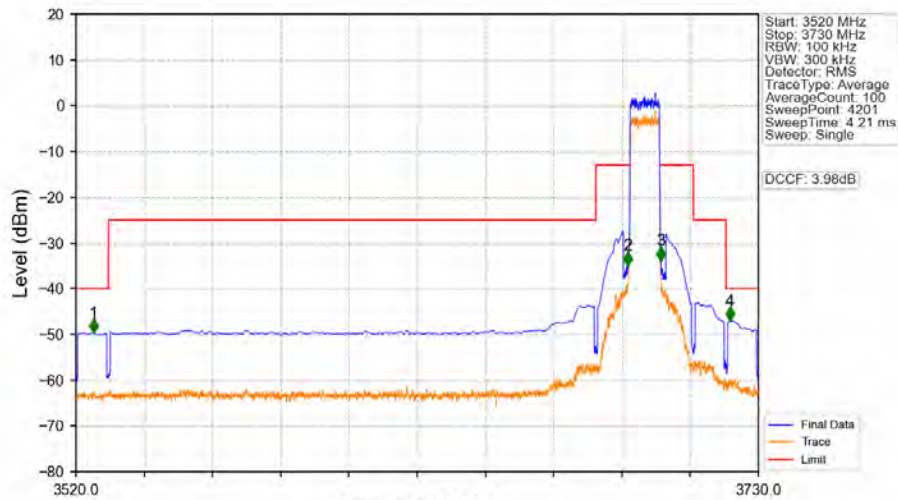


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Band43\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3689	1	CHP	1	3525.450	-49.63	-40	Pass
3689	3690	0.1	/	2	3689.850	-34.95	-13	Pass
3690	3700	0.1	/	3	3700.000	-33.89	-13	Pass
3700	3701	0.1	/	4	3721.250	-47.00	-40	Pass



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Report No.: SUCR240500014801  
Rev.: 01  
Page: 118 of 185

5.3 B43\_15MHz



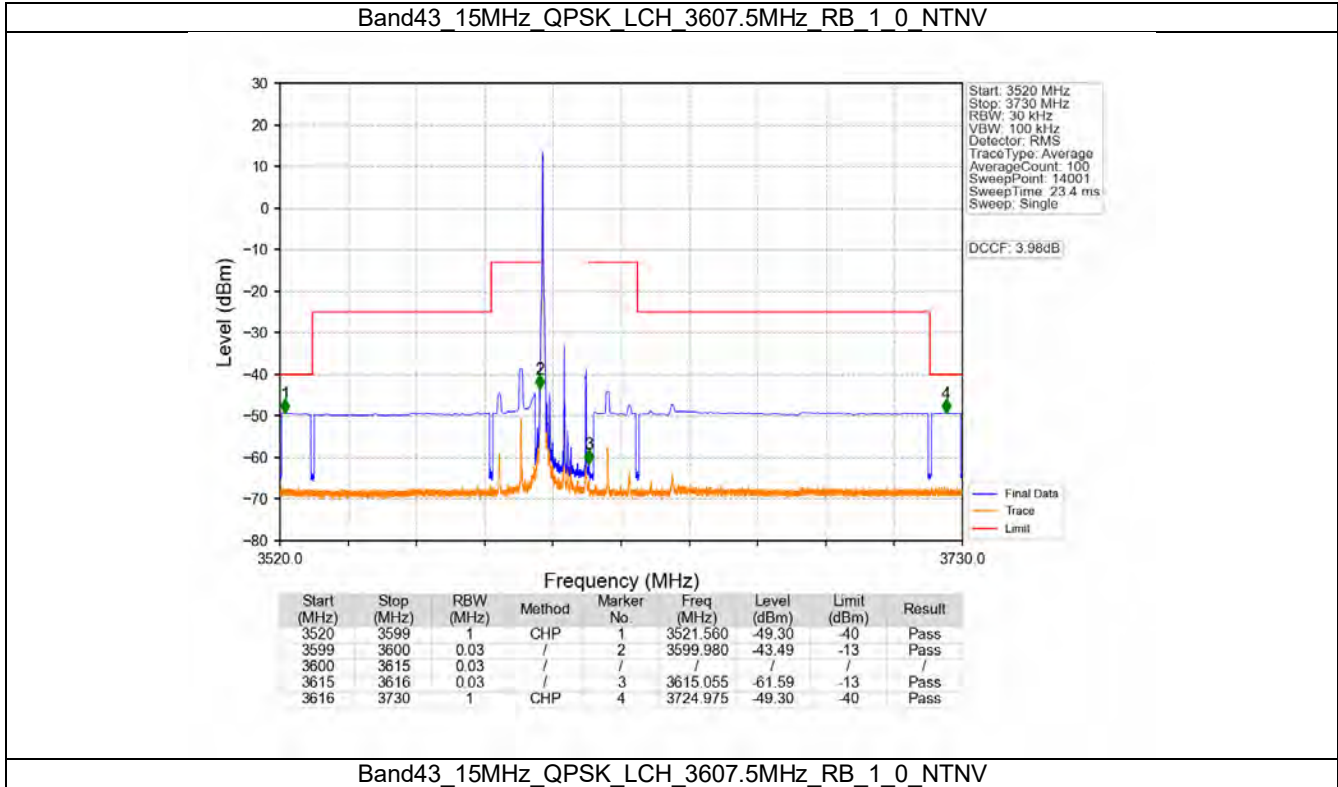
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5.3.2 Test Graph



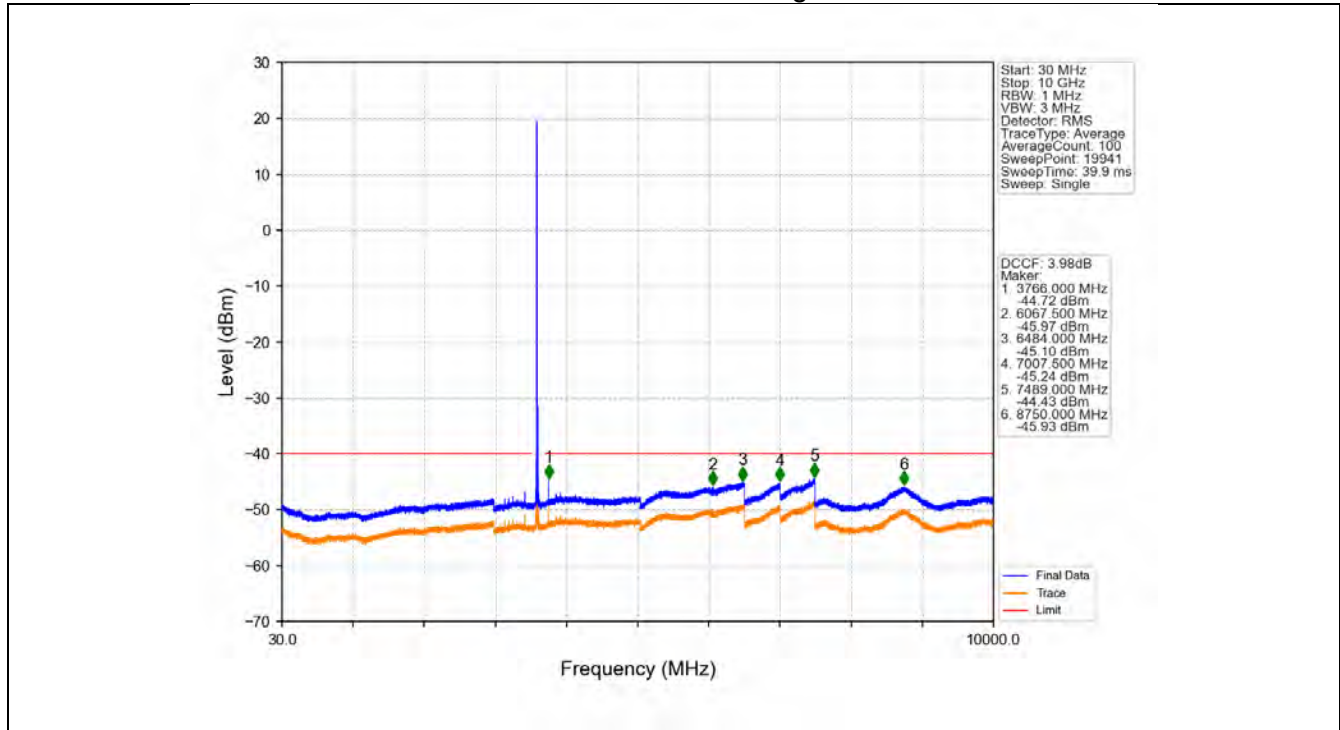
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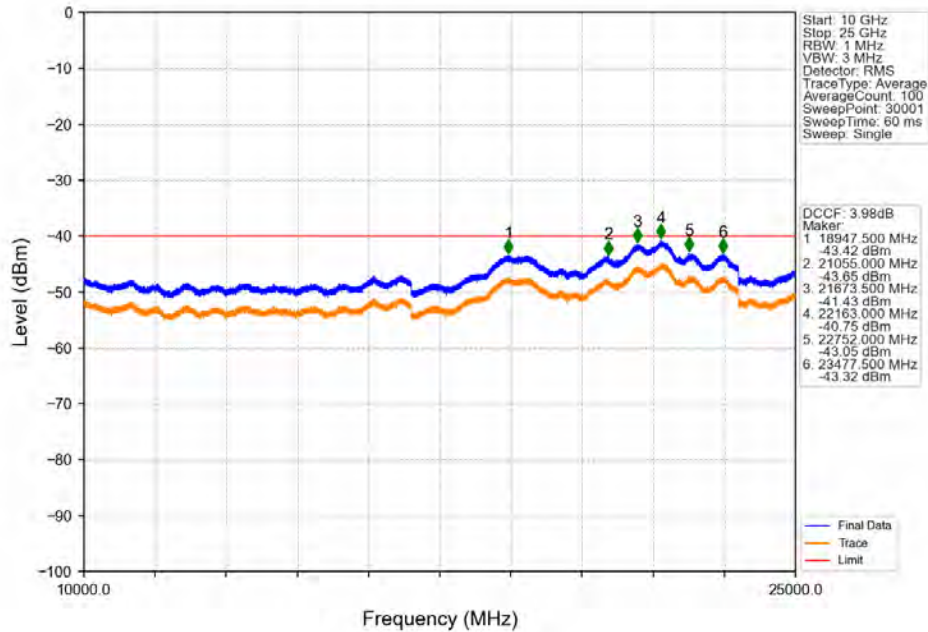
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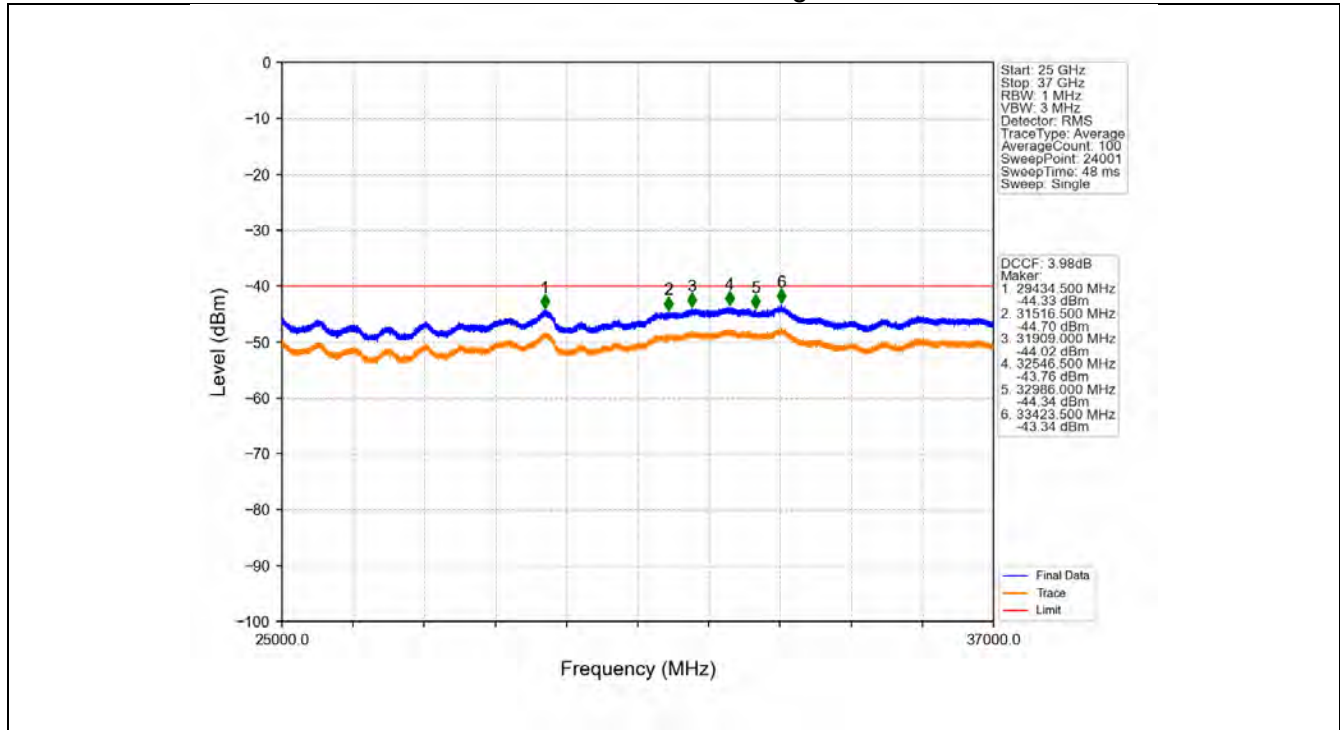
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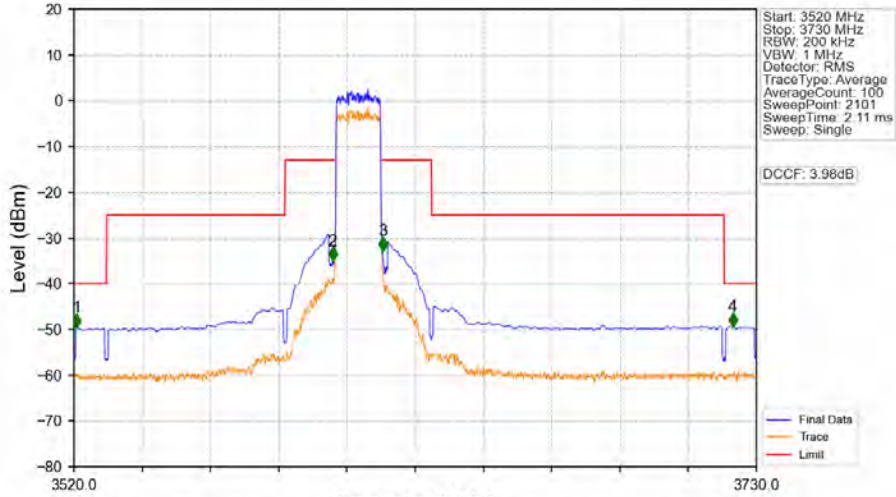
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3599	1	CHP	1	3520.800	-49.57	-40	Pass
3599	3600	0.2	/	2	3599.600	-34.99	-13	Pass
3600	3615	0.2	/	/	/	/	/	/
3615	3616	0.2	/	3	3615.000	-32.83	-13	Pass
3616	3730	1	CHP	4	3722.800	-49.42	-40	Pass

Band43 15MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



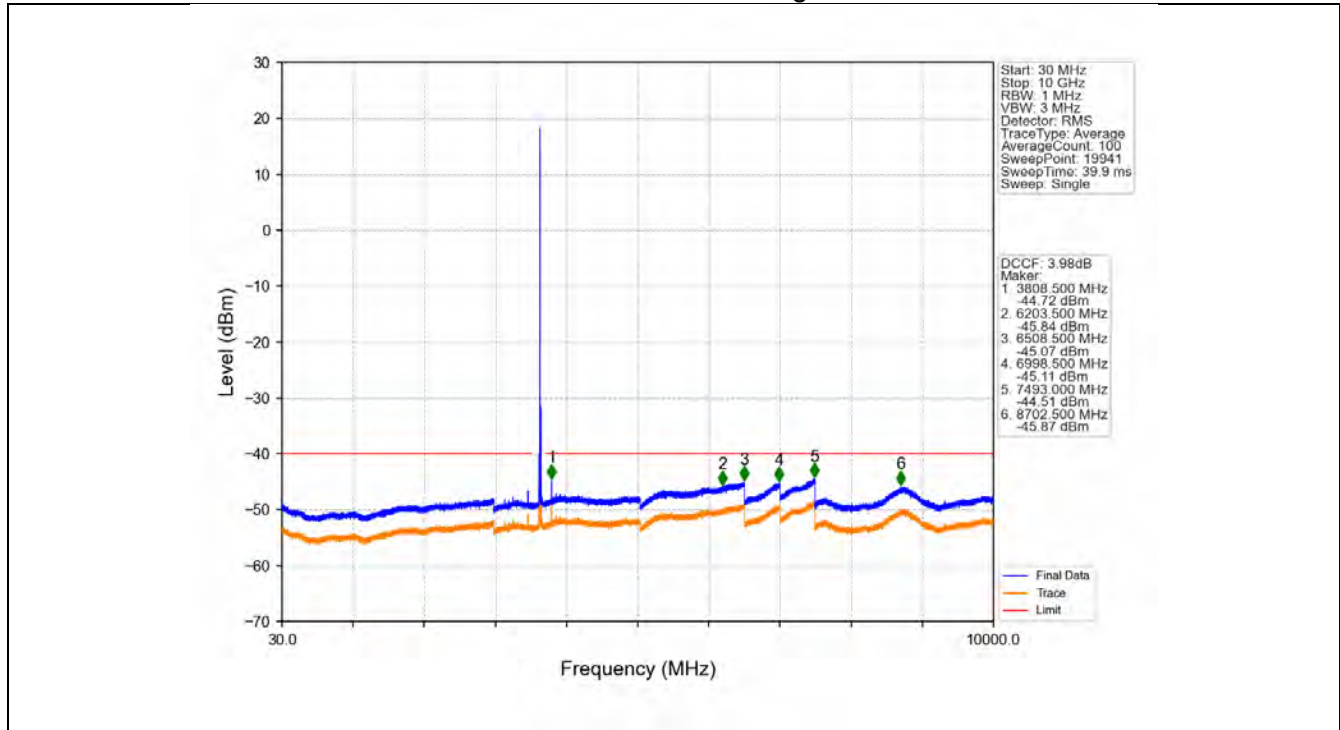
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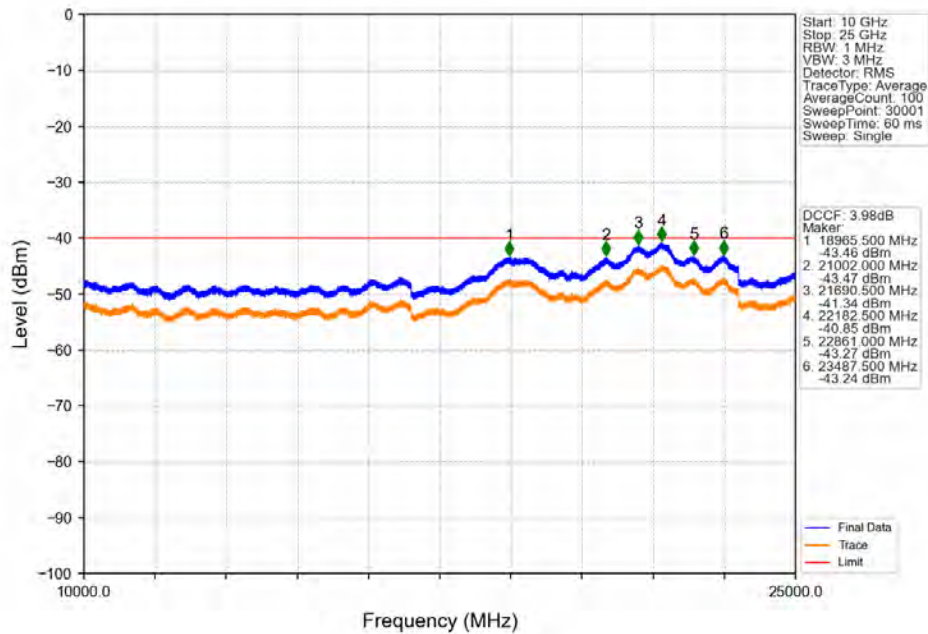
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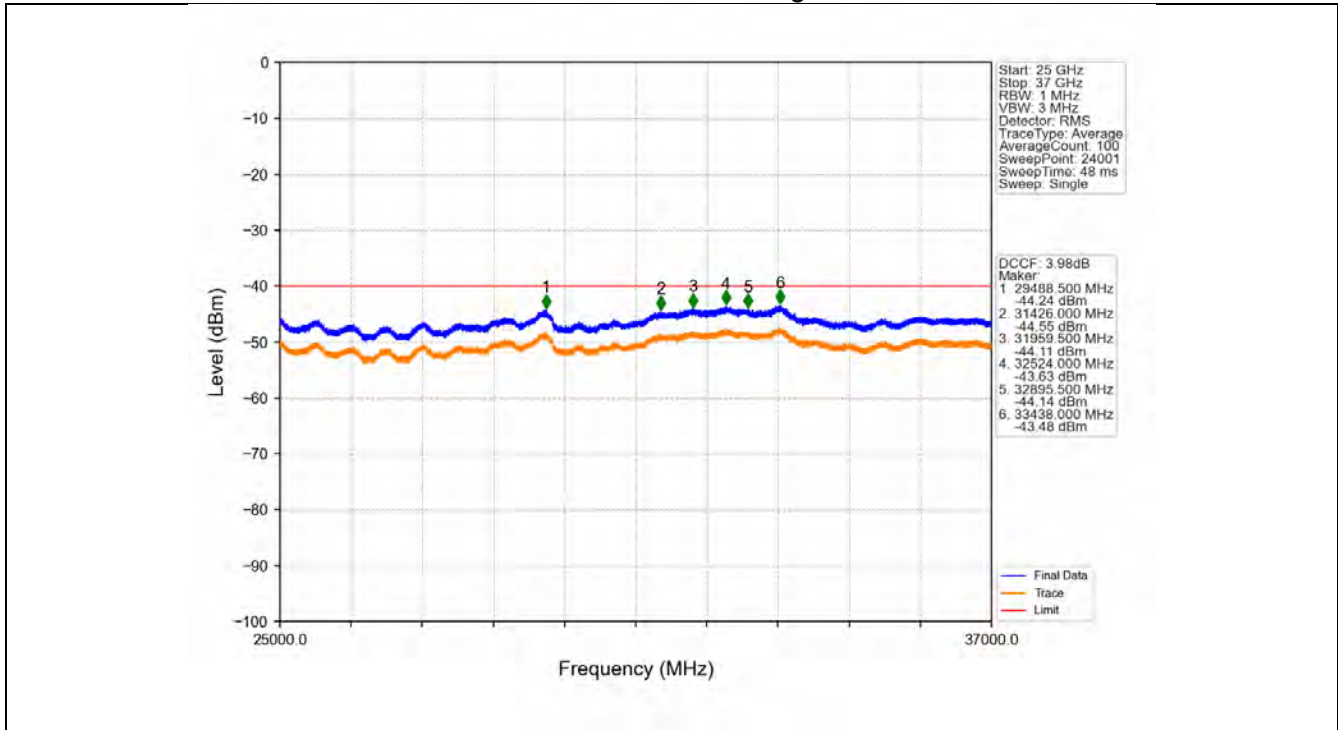
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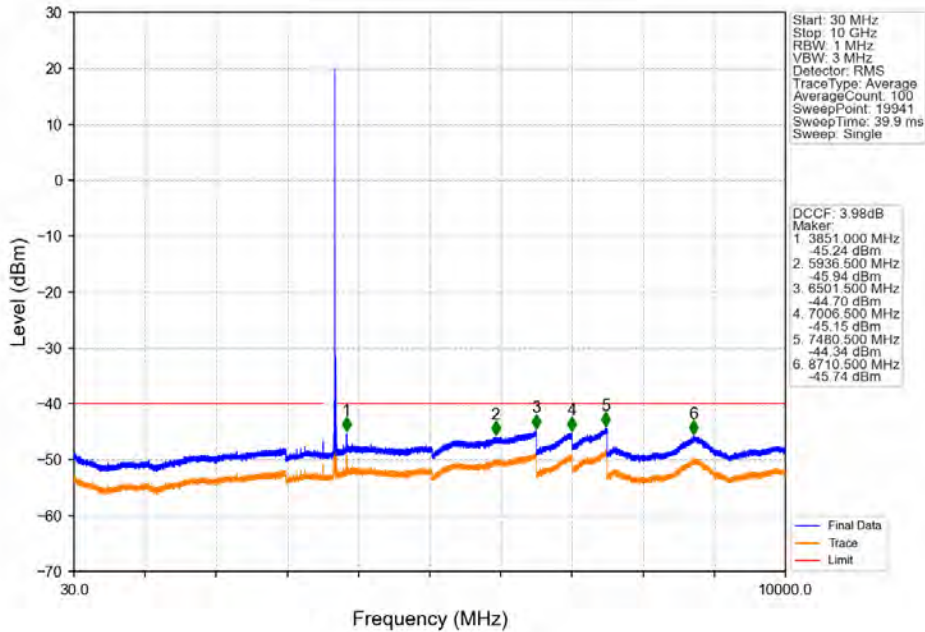
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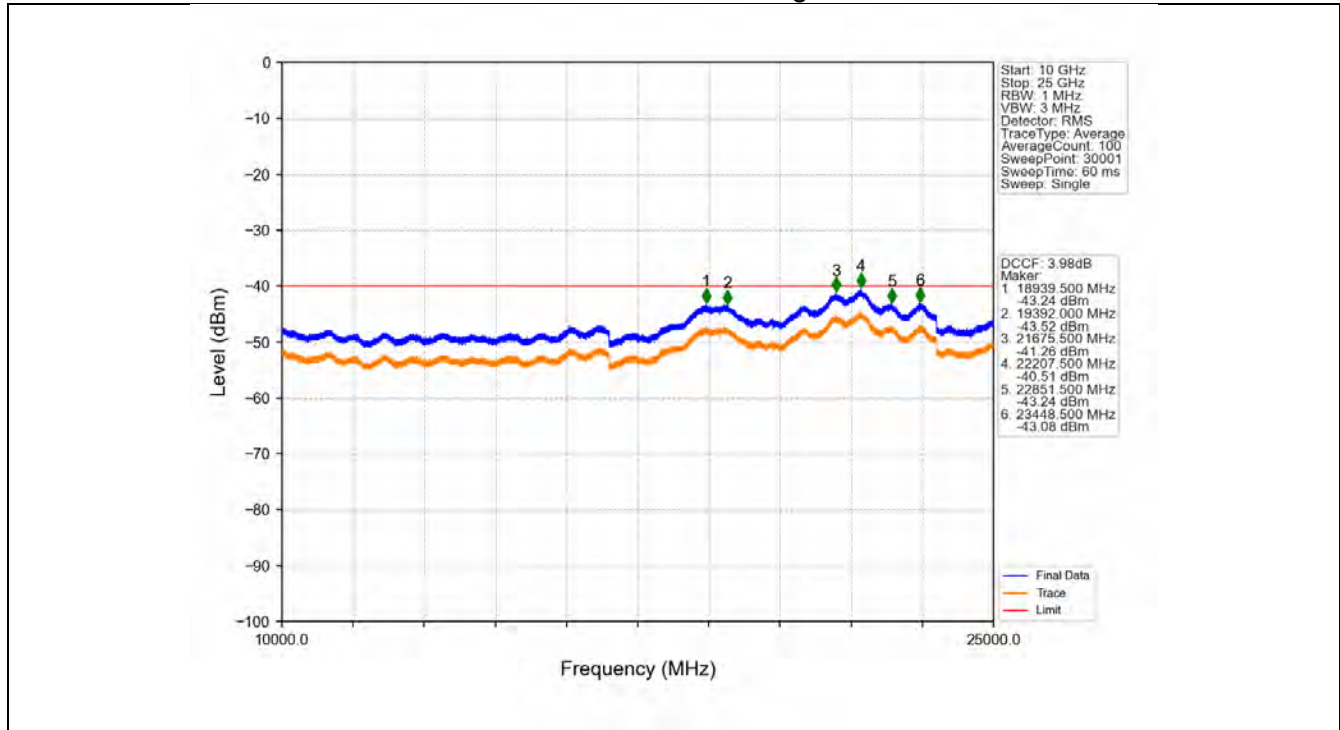
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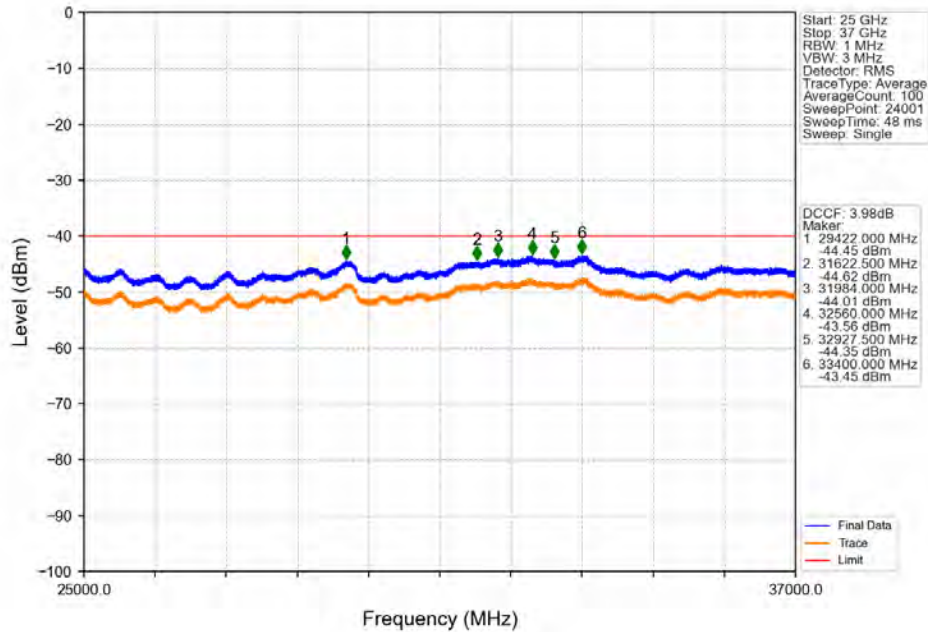
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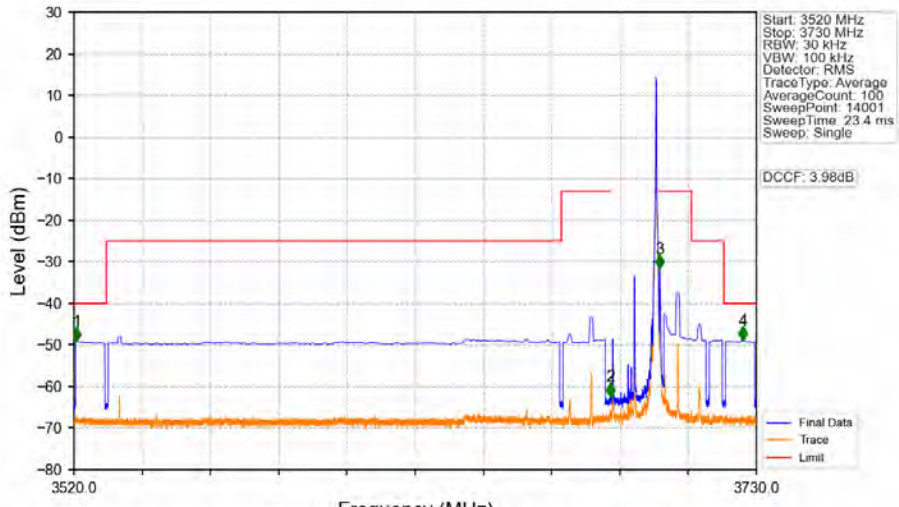
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684	1	CHP	1	3520.855	-49.12	-40	Pass
3684	3685	0.03	/	2	3685.000	-62.47	-13	Pass
3685	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.285	-31.69	-13	Pass
3701	3730	1	CHP	4	3725.830	-48.91	-40	Pass

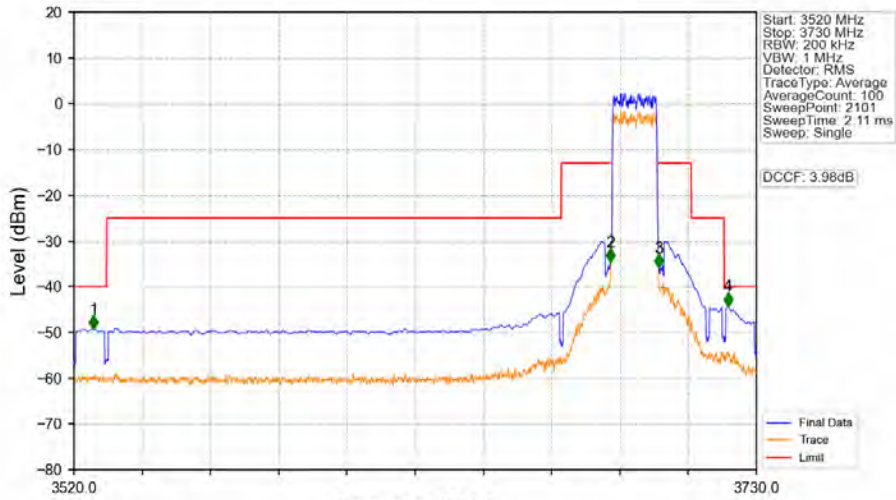


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Band43 15MHz\_QPSK\_HCH\_3692.5MHz RB 75\_0 NTNv



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3684	1	CHP	1	3520.000	-49.36	-40	Pass
3684	3685	0.2	/	2	3685.000	-34.69	-13	Pass
3685	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	3	3700.000	-35.88	-13	Pass
3701	3730	1	CHP	4	3721.300	-44.29	-40	Pass



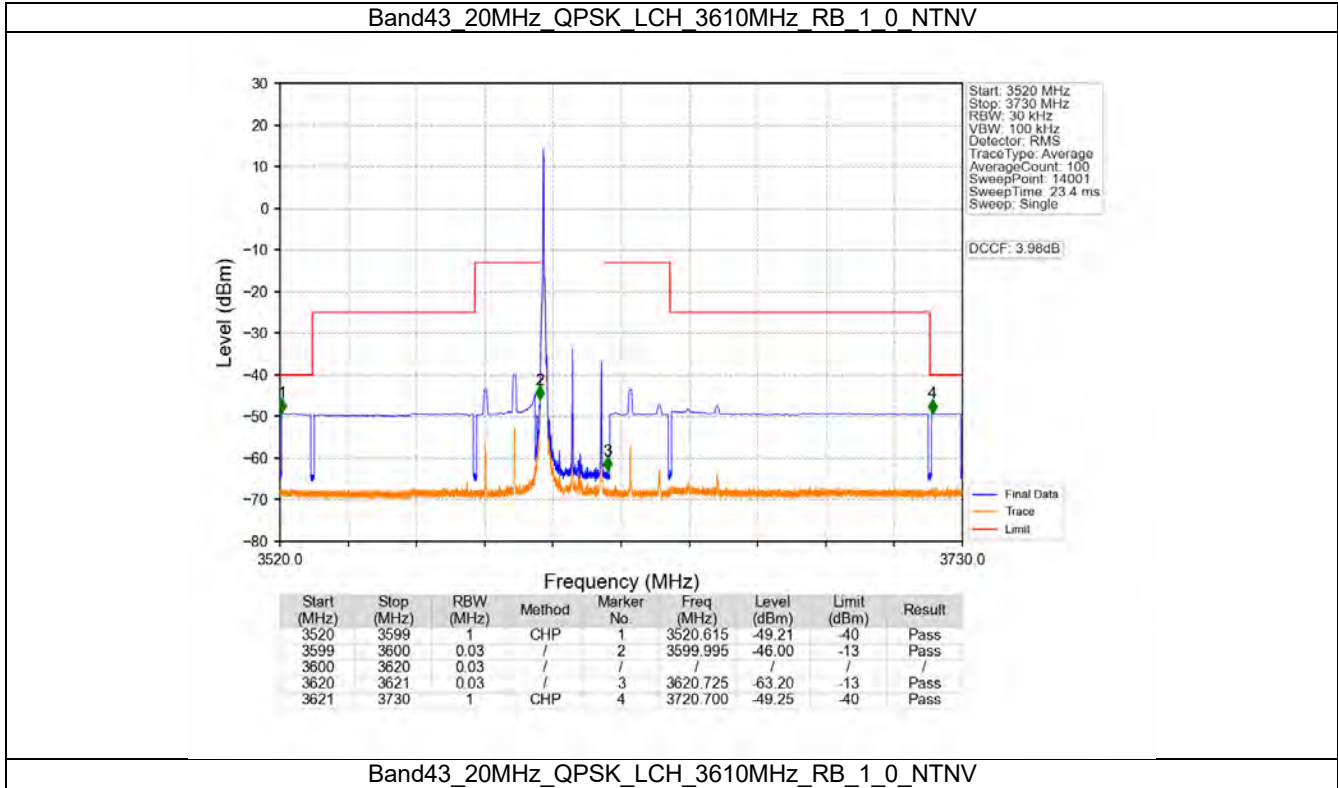
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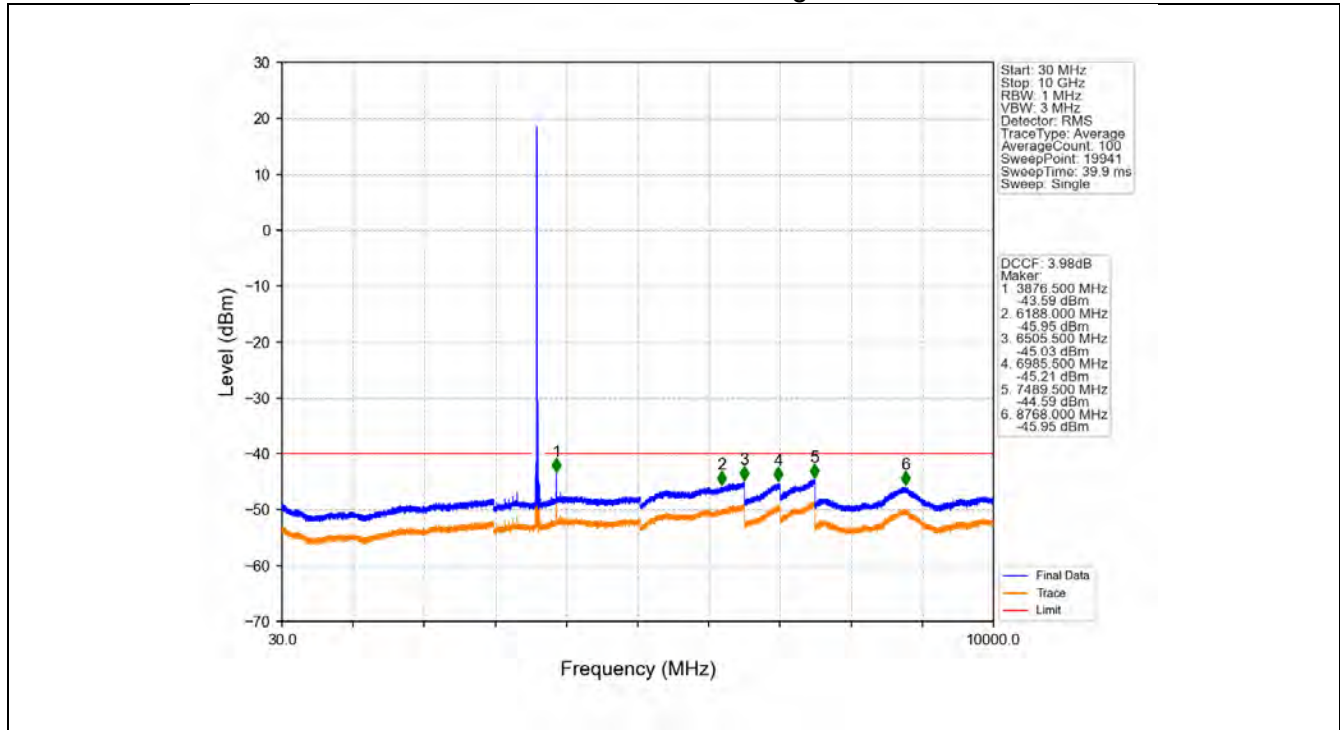
5.4.2 Test Graph



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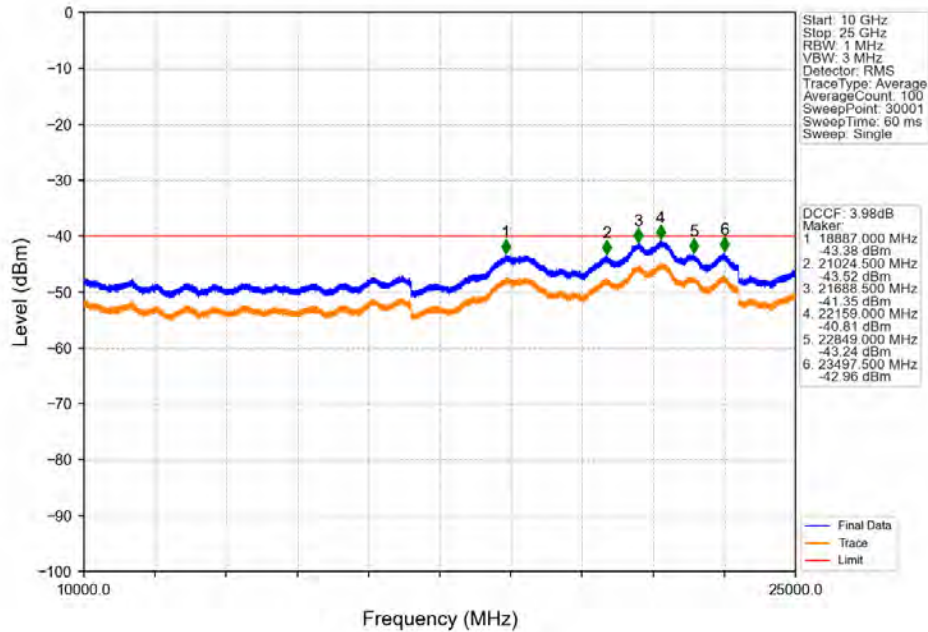
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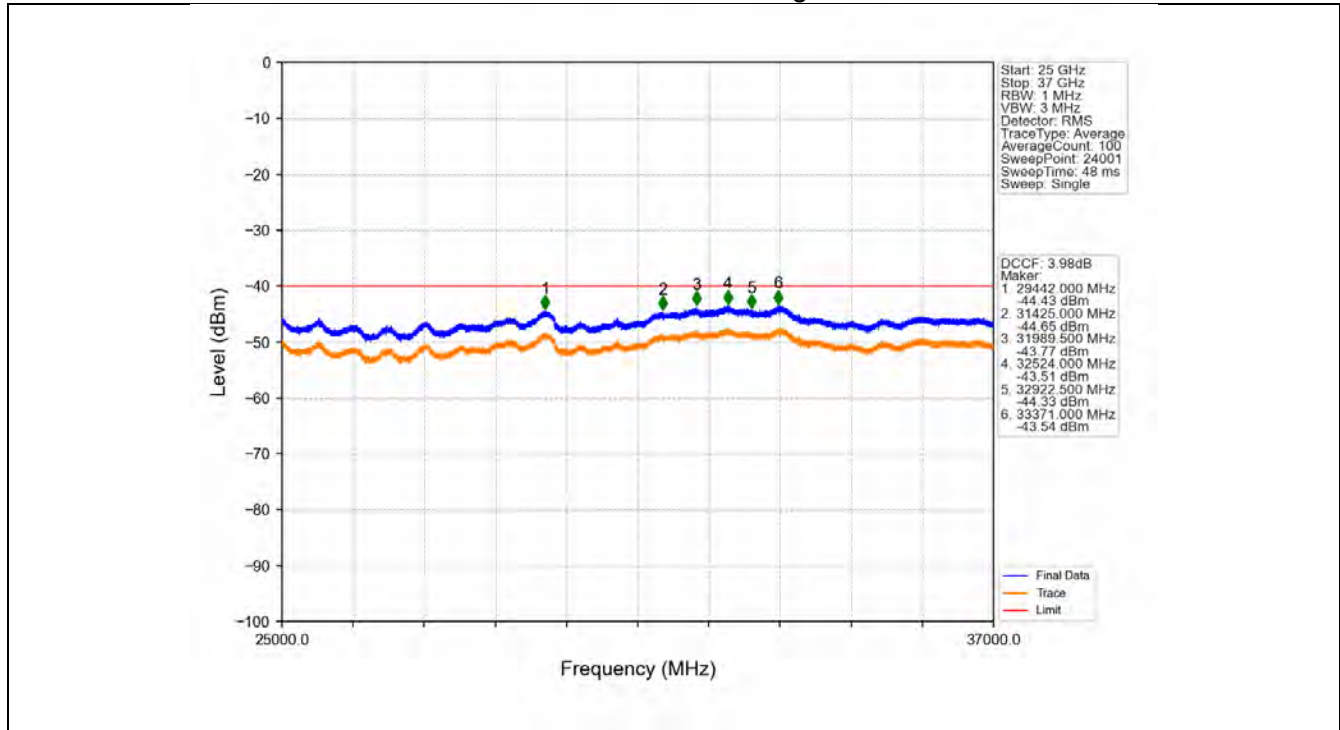
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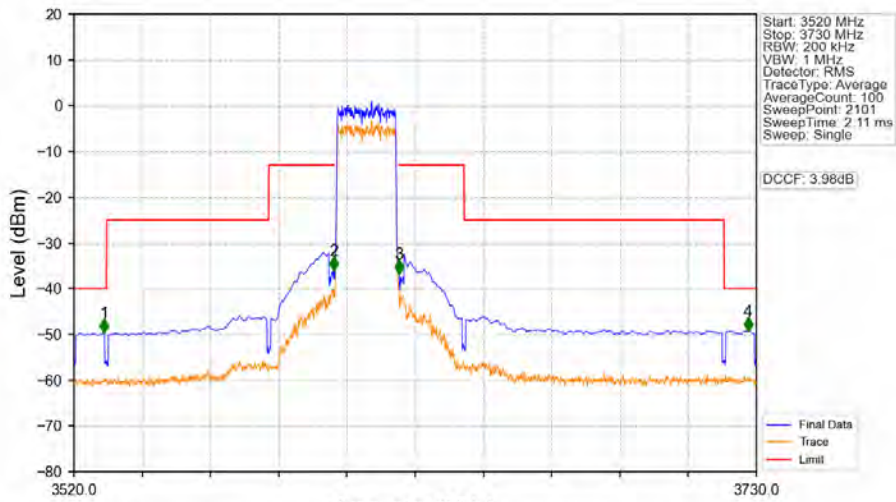
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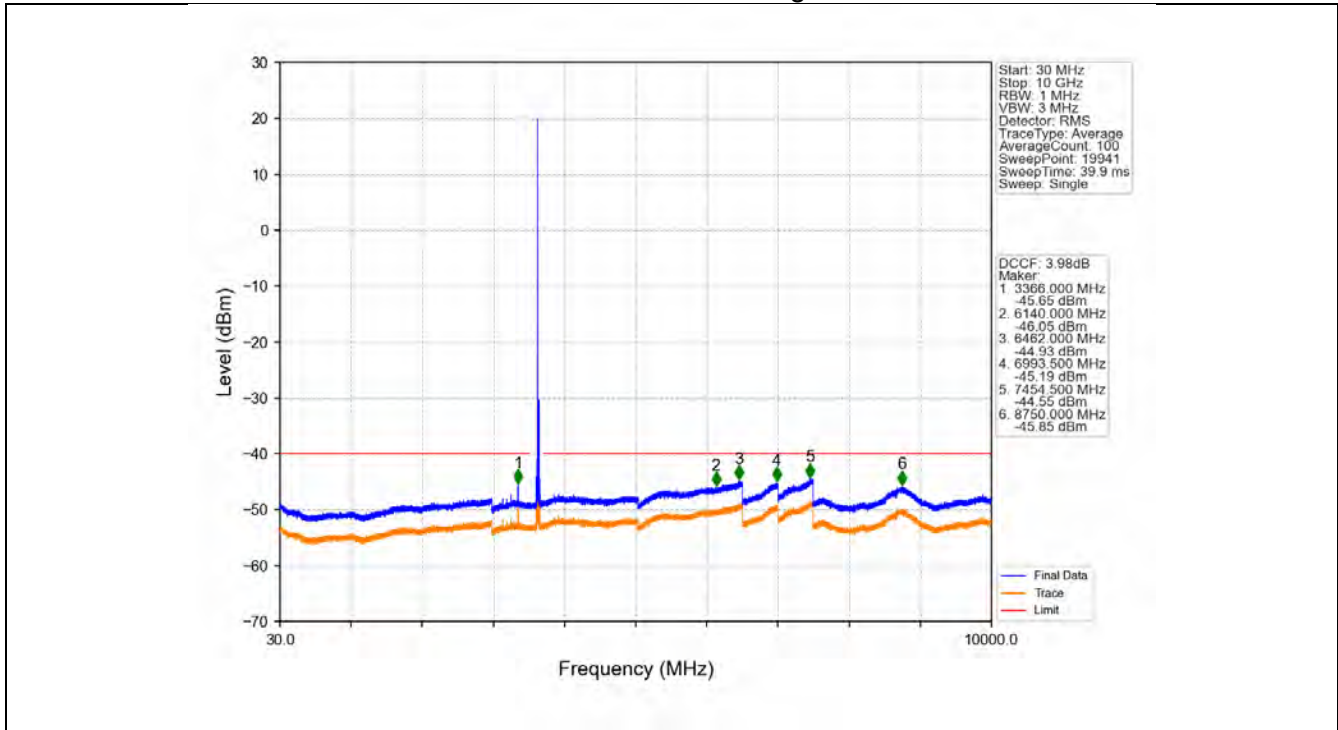
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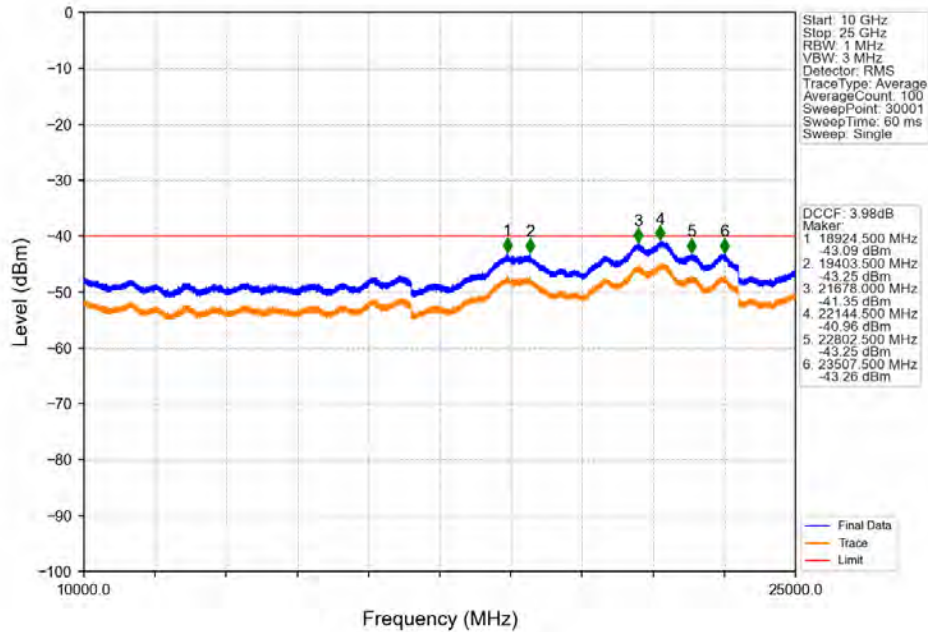
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Band43\_20MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



Band43\_20MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



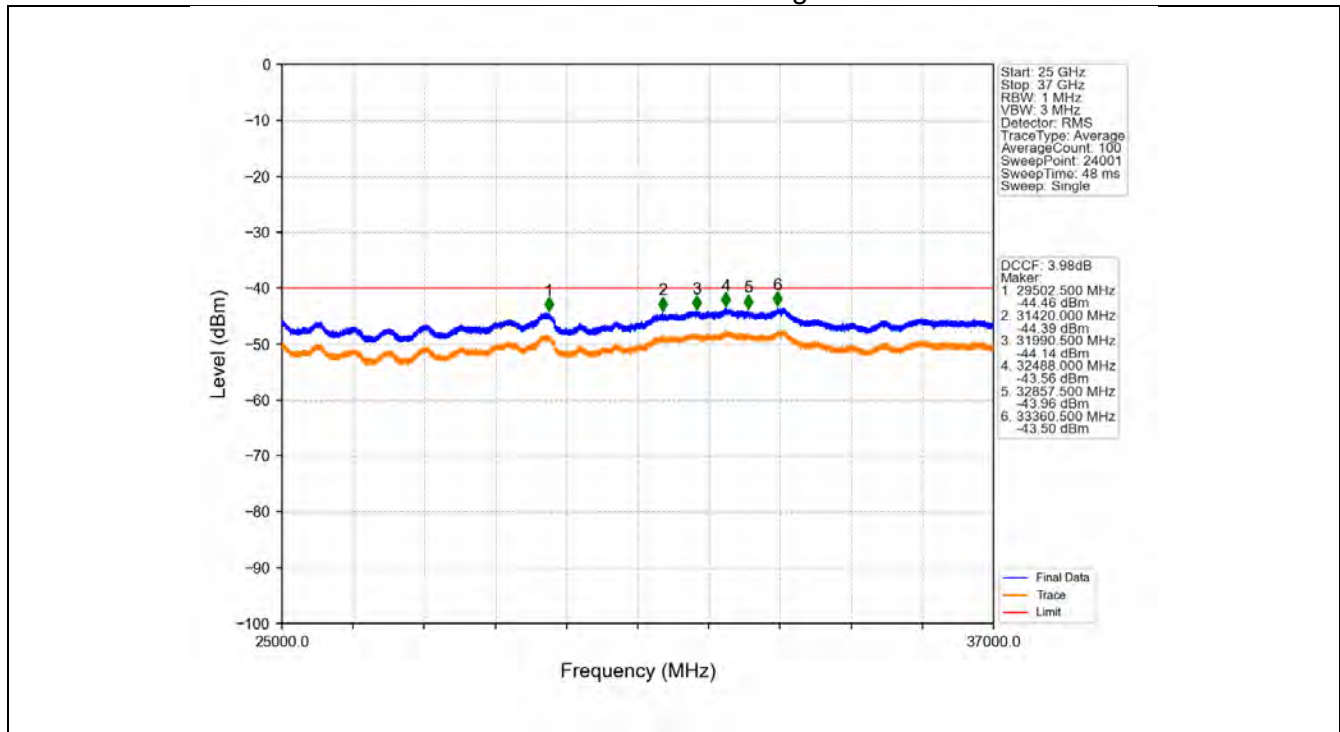
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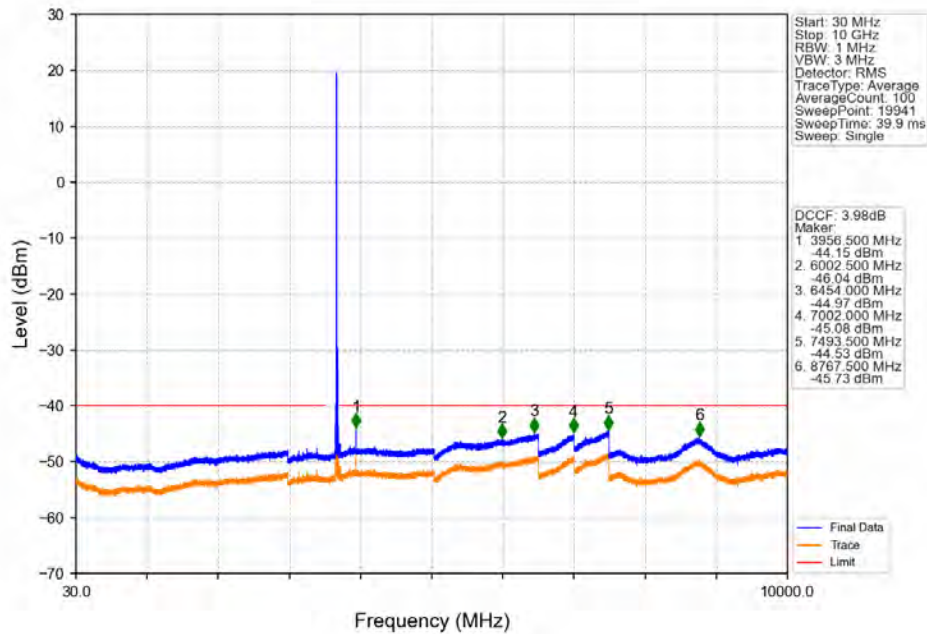
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Band43\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTNV



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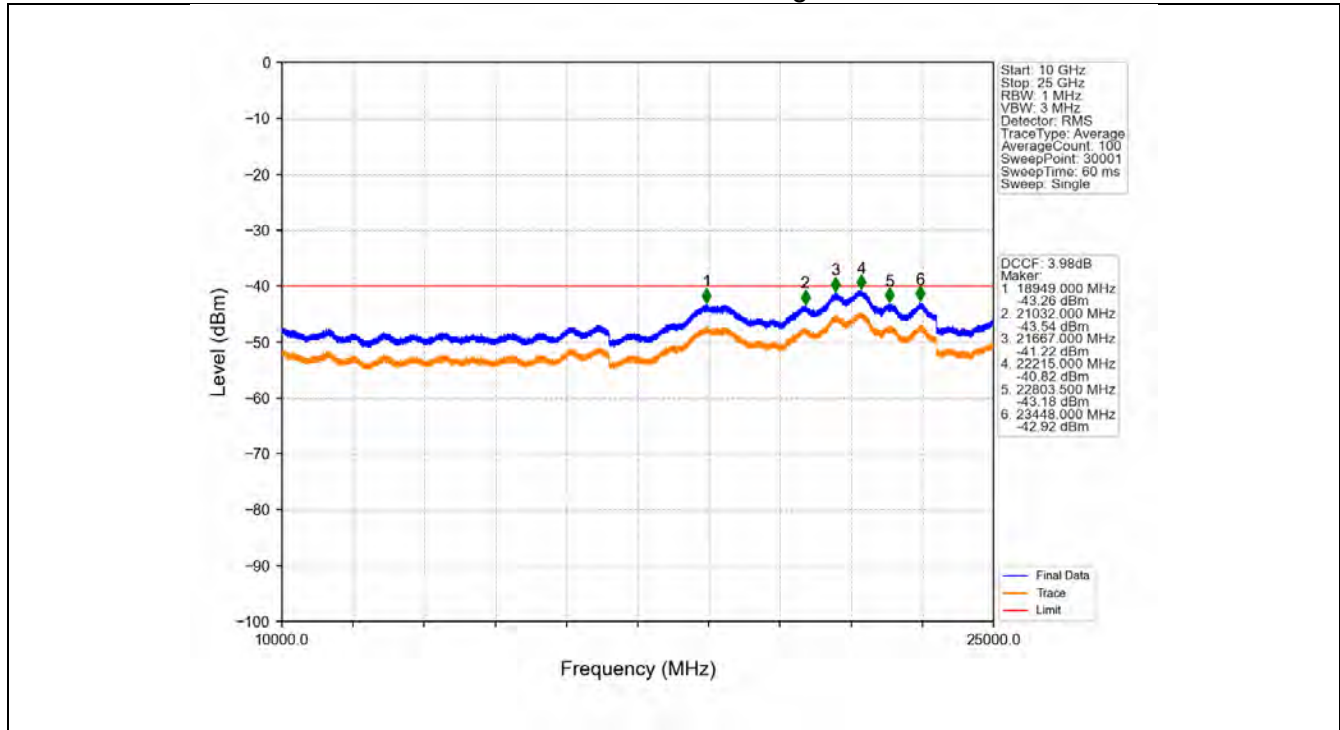
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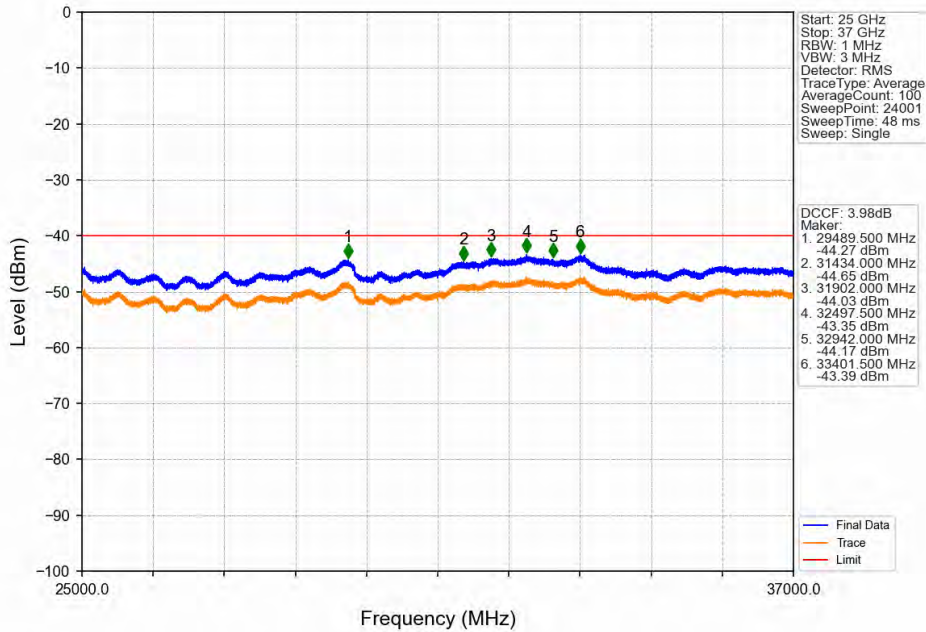


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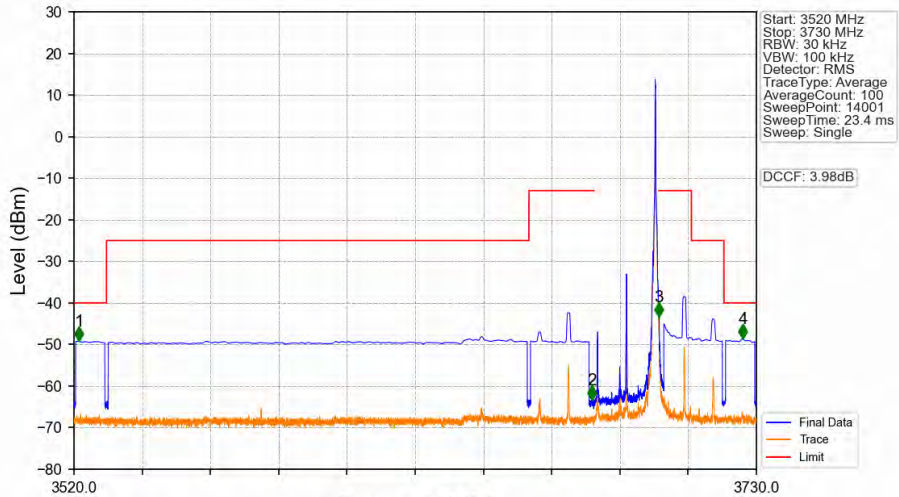
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3521.545	-49.21	-40	Pass
3679	3680	0.03	/	2	3679.420	-63.34	-13	Pass
3680	3700	0.03	/	/	/	/	/	/
3700	3701	0.03	/	3	3700.000	-43.41	-13	Pass
3701	3730	1	CHP	4	3725.800	-48.63	-40	Pass

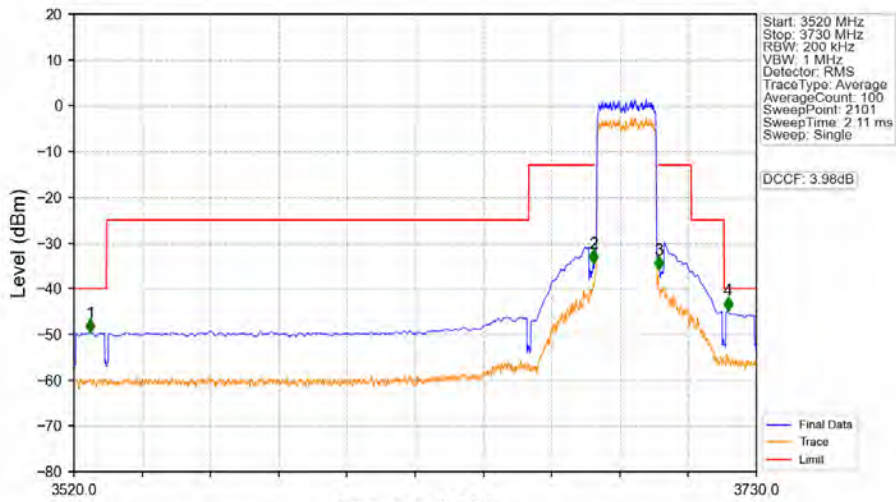


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Band43\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_100\_0\_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3520	3679	1	CHP	1	3525.000	-49.65	-40	Pass
3679	3680	0.2	/	2	3679.800	-34.56	-13	Pass
3680	3700	0.2	/	/	/	/	/	/
3700	3701	0.2	/	3	3700.000	-35.92	-13	Pass
3701	3730	1	CHP	4	3721.200	-44.82	-40	Pass



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## 6. Adjacent Channel Leakage Ratio

### 6.1 B43\_5MHz

#### 6.1.1 Test Result

Band: 43 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3602.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	3697.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

### 6.2 B43\_10MHz

#### 6.2.1 Test Result

Band: 43 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3605	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	3695	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass



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### 6.3 B43\_15MHz

#### 6.3.1 Test Result

Band: 43 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3607.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3650	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	
	3692.5	1	0	Refer To Test Graph	Pass	
			74	Refer To Test Graph	Pass	
		75	0	Refer To Test Graph	Pass	

### 6.4 B43\_20MHz

#### 6.4.1 Test Result

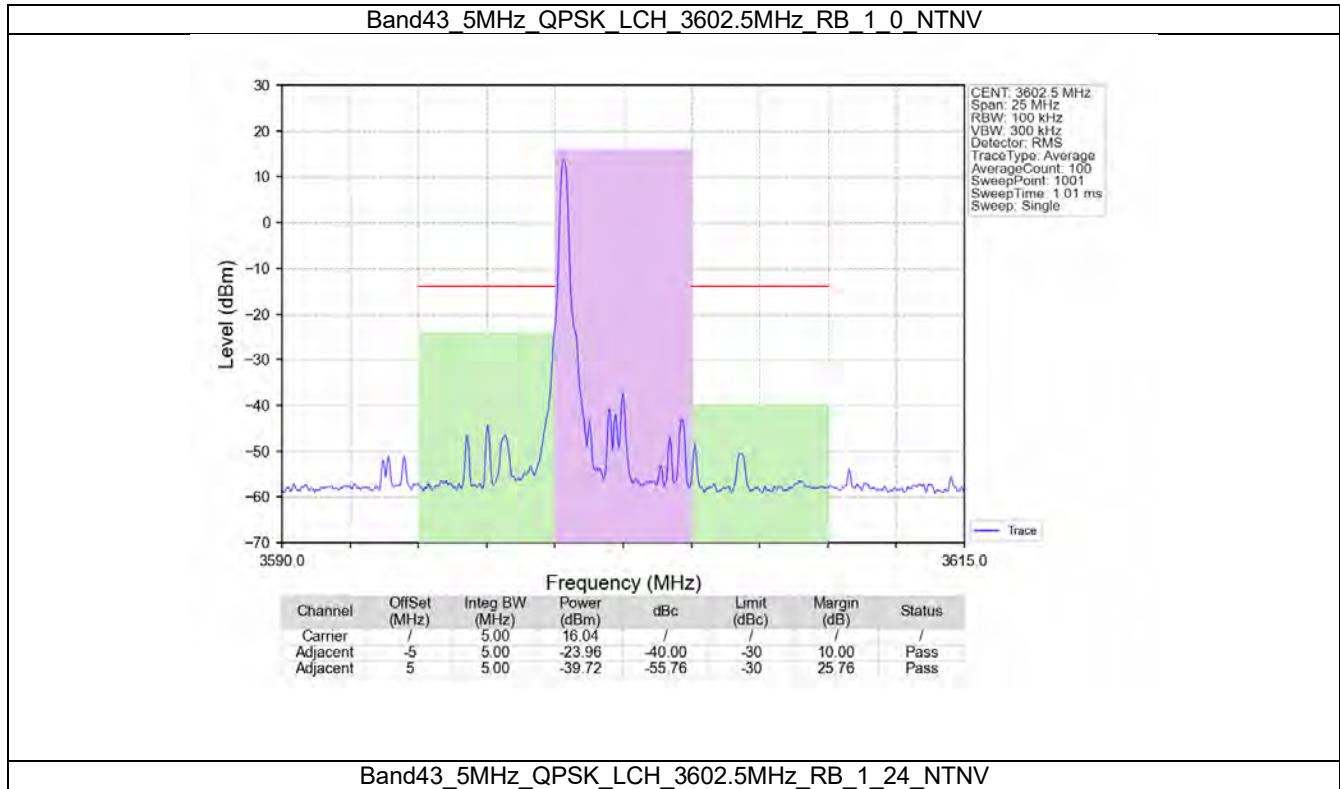
Band: 43 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Adjacent Channel Leakage Ratio		Verdict
		Size	Offset	Result	Limit	
QPSK	3610	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3650	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	
	3690	1	0	Refer To Test Graph	Pass	
			99	Refer To Test Graph	Pass	
		100	0	Refer To Test Graph	Pass	



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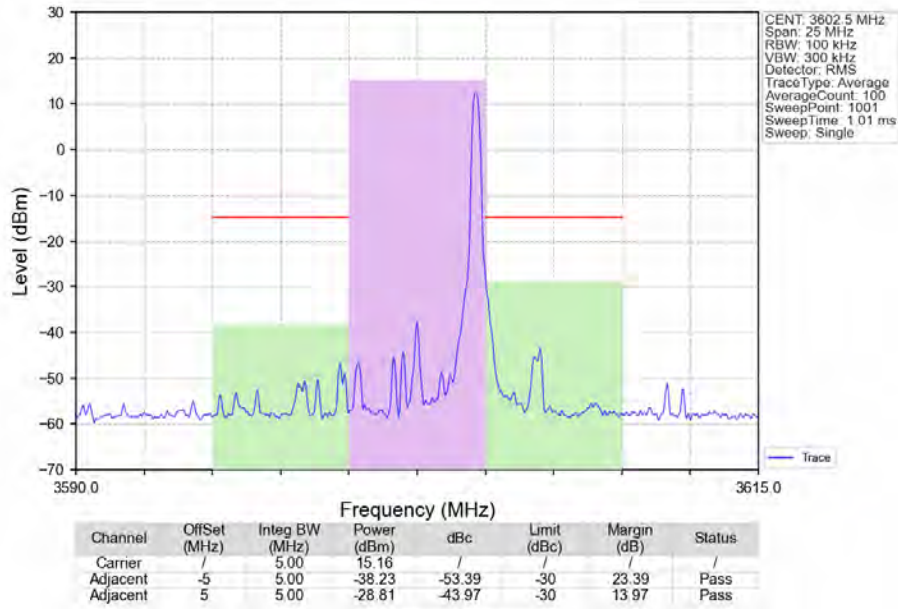
6.1.2 Test Graph



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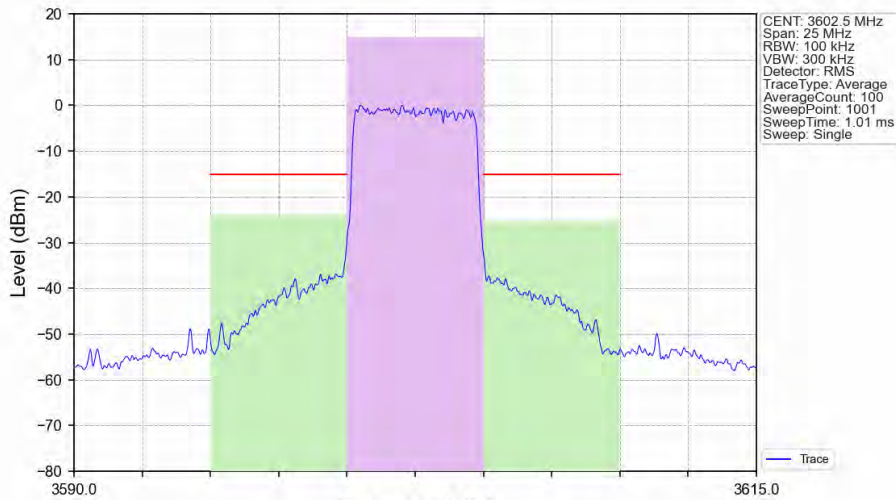


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Band43\_5MHz\_QPSK\_LCH\_3602.5MHz\_RB\_25\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	14.82	/	/	/	/
Adjacent	-5	5.00	-23.93	-38.75	-30	8.75	Pass
Adjacent	5	5.00	-25.25	-40.07	-30	10.07	Pass

Band43\_5MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV

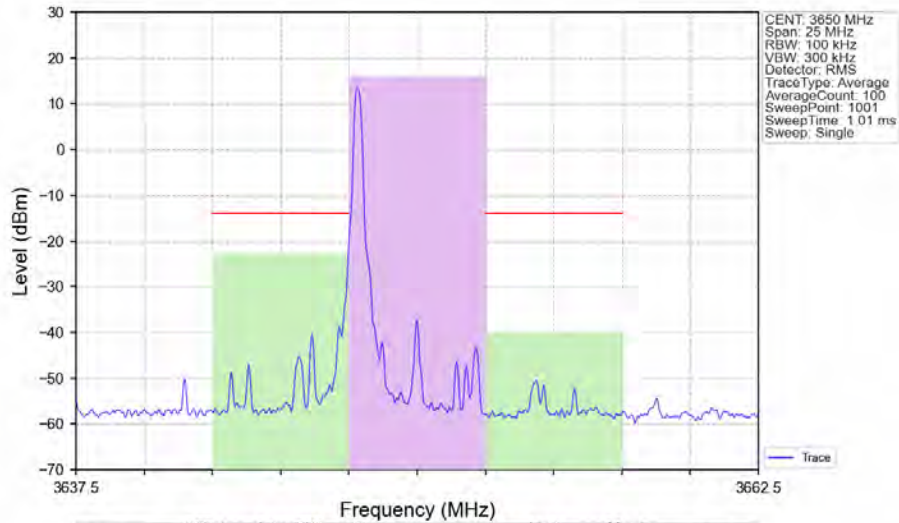


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.04	/	/	/	/
Adjacent	-5	5.00	-22.79	-38.83	-30	8.83	Pass
Adjacent	5	5.00	-39.76	-55.80	-30	25.80	Pass



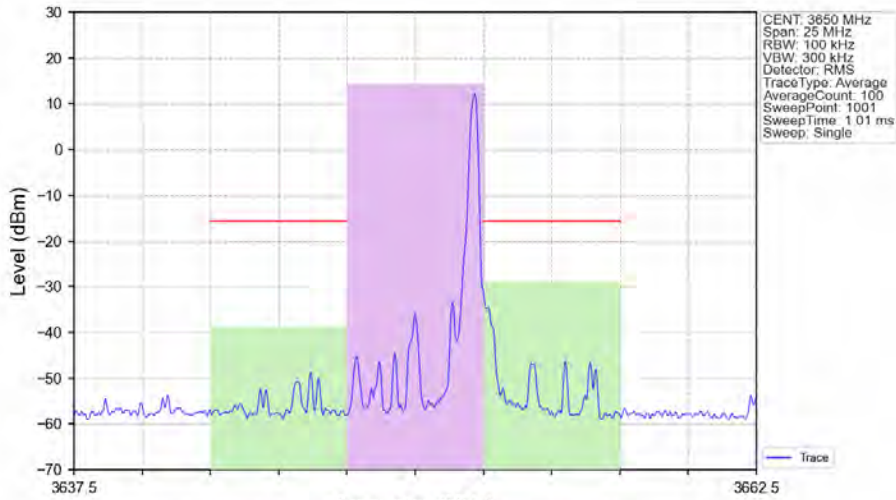
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Band43\_5MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_24\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	14.33	/	/	/	/
Adjacent	-5	5.00	-38.82	-53.15	-30	23.15	Pass
Adjacent	5	5.00	-28.88	-43.21	-30	13.21	Pass

Band43\_5MHz\_QPSK\_MCH\_3650MHz\_RB\_25\_0\_NTNV

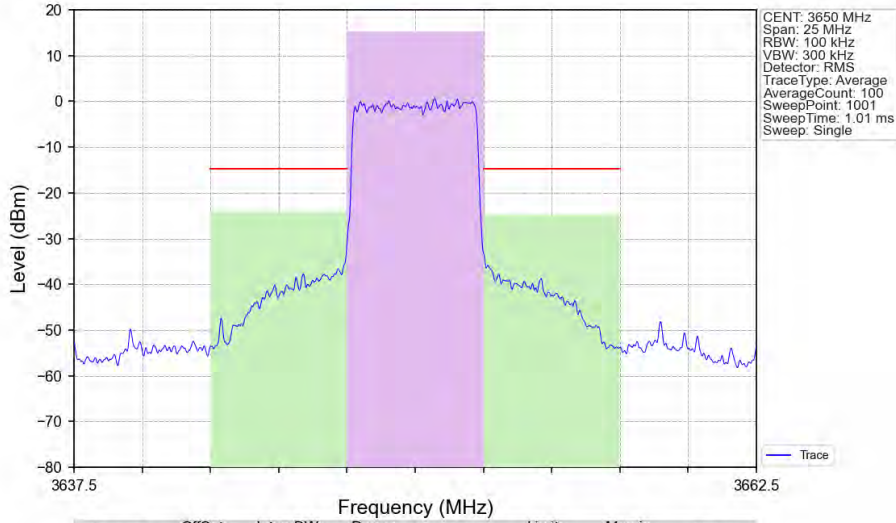


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.26	/	/	/	/
Adjacent	-5	5.00	-24.11	-39.37	-30	9.37	Pass
Adjacent	5	5.00	-24.72	-39.98	-30	9.98	Pass



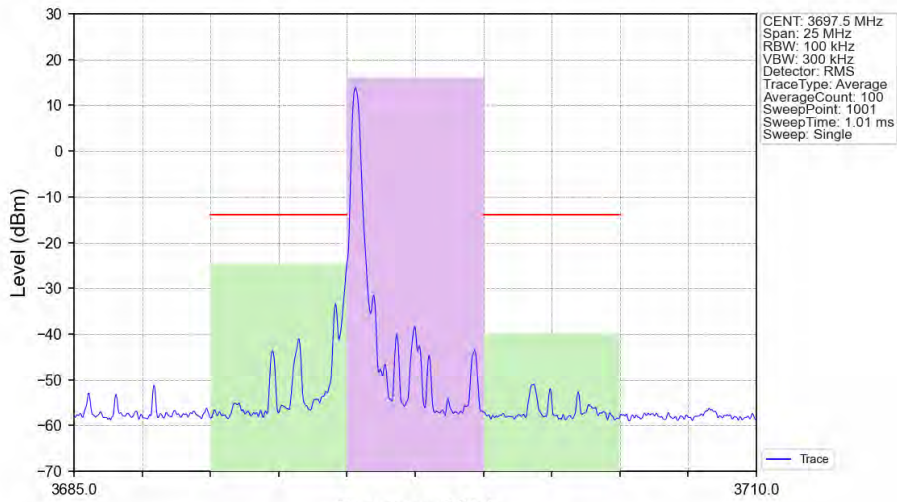
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Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	16.12	/	/	/	/
Adjacent	-5	5.00	-24.60	-40.72	-30	10.72	Pass
Adjacent	5	5.00	-39.84	-55.96	-30	25.96	Pass

Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_1\_24\_NTNV



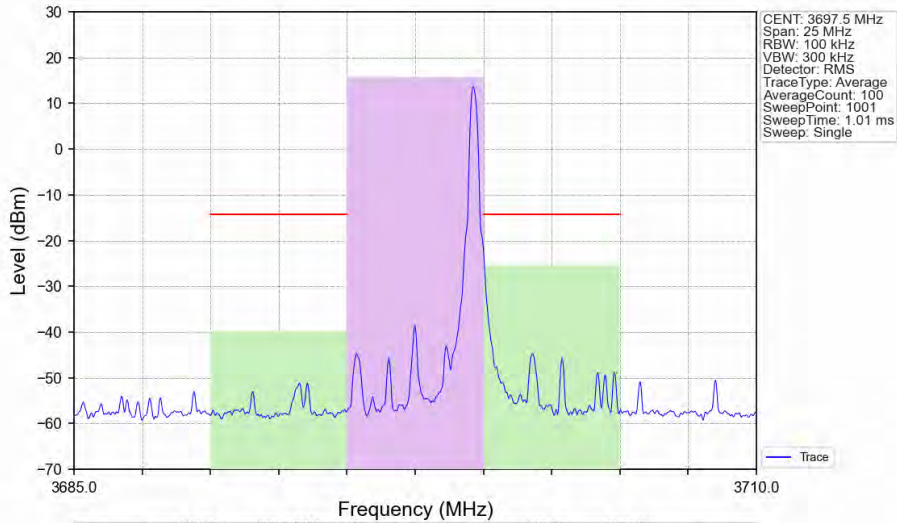
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.71	/	/	/	/
Adjacent	-5	5.00	-39.92	-55.63	-30	25.63	Pass
Adjacent	5	5.00	-25.34	-41.05	-30	11.05	Pass

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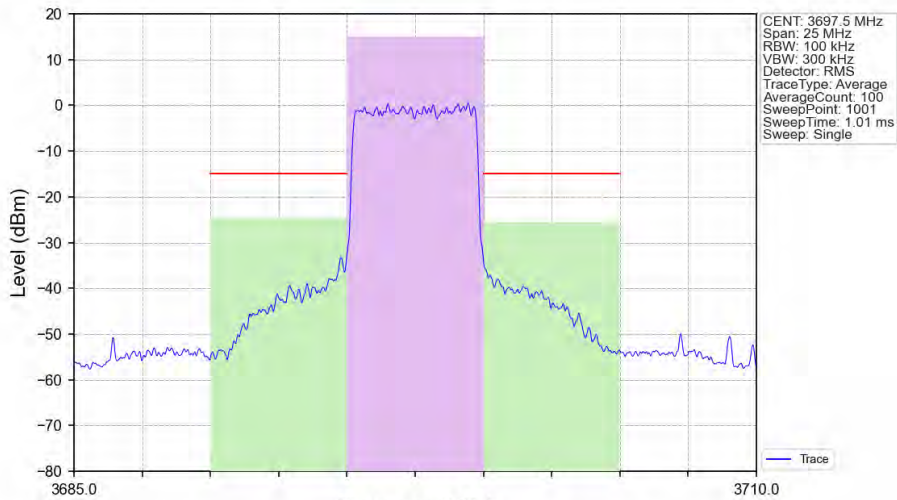
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Band43\_5MHz\_QPSK\_HCH\_3697.5MHz\_RB\_25\_0\_NTNV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	5.00	15.06	/	/	/	/
Adjacent	-5	5.00	-24.56	-39.62	-30	9.62	Pass
Adjacent	5	5.00	-25.42	-40.48	-30	10.48	Pass



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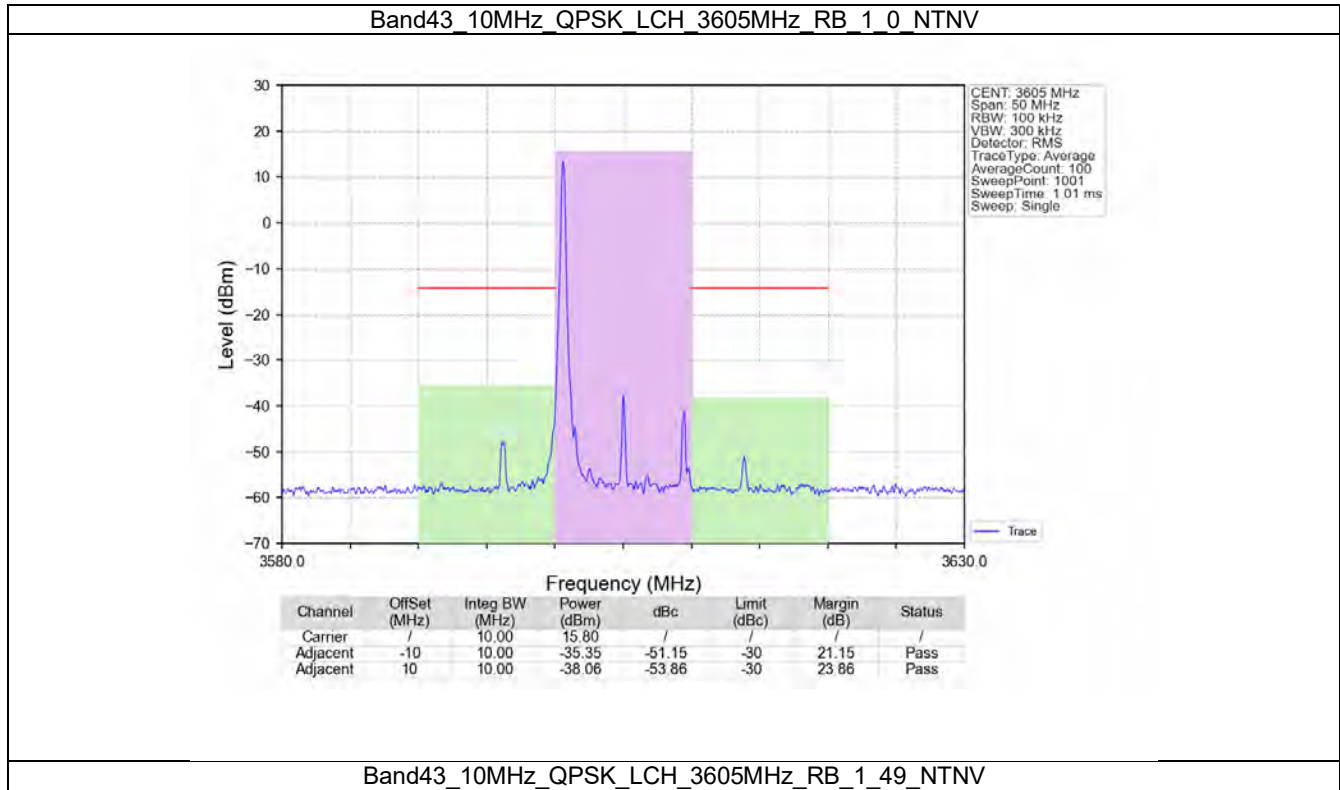
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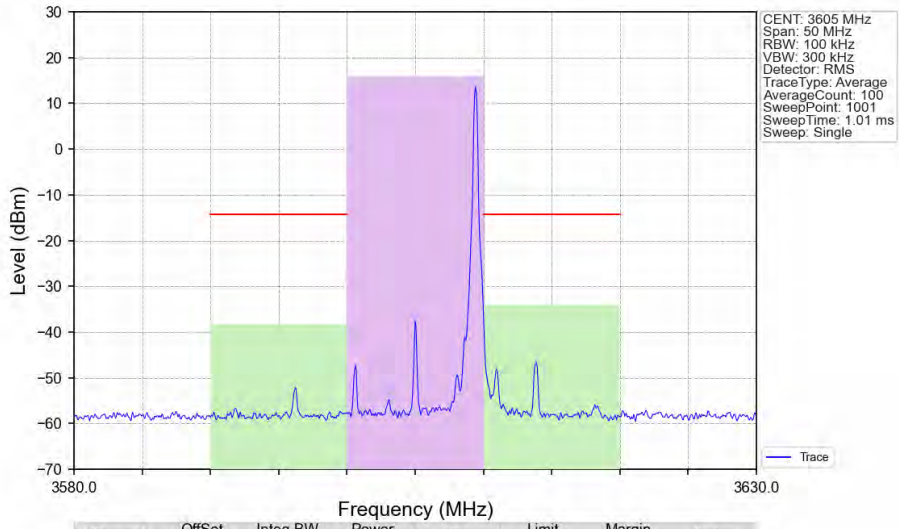
6.2.2 Test Graph



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	15.82	/	/	/	/
Adjacent	-10	10.00	-38.24	-54.06	-30	24.06	Pass
Adjacent	10	10.00	-34.09	-49.91	-30	19.91	Pass

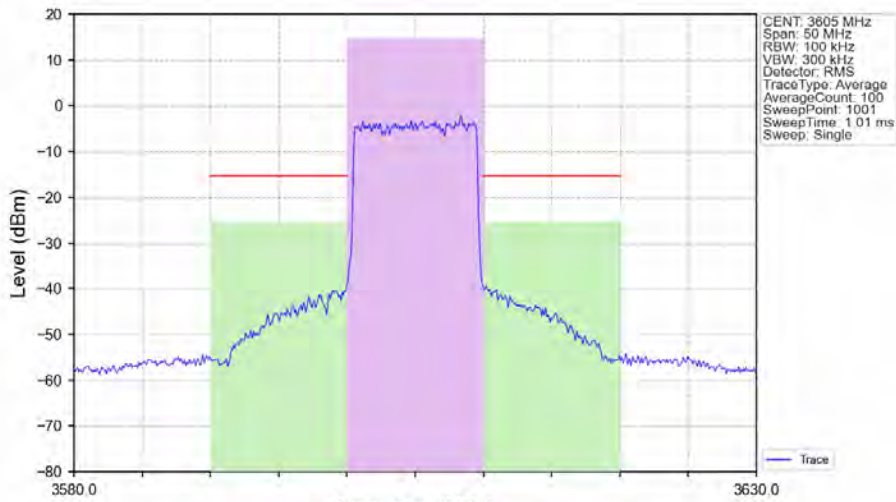


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Band43\_10MHz\_QPSK\_LCH\_3605MHz\_RB\_50\_0\_NTNV



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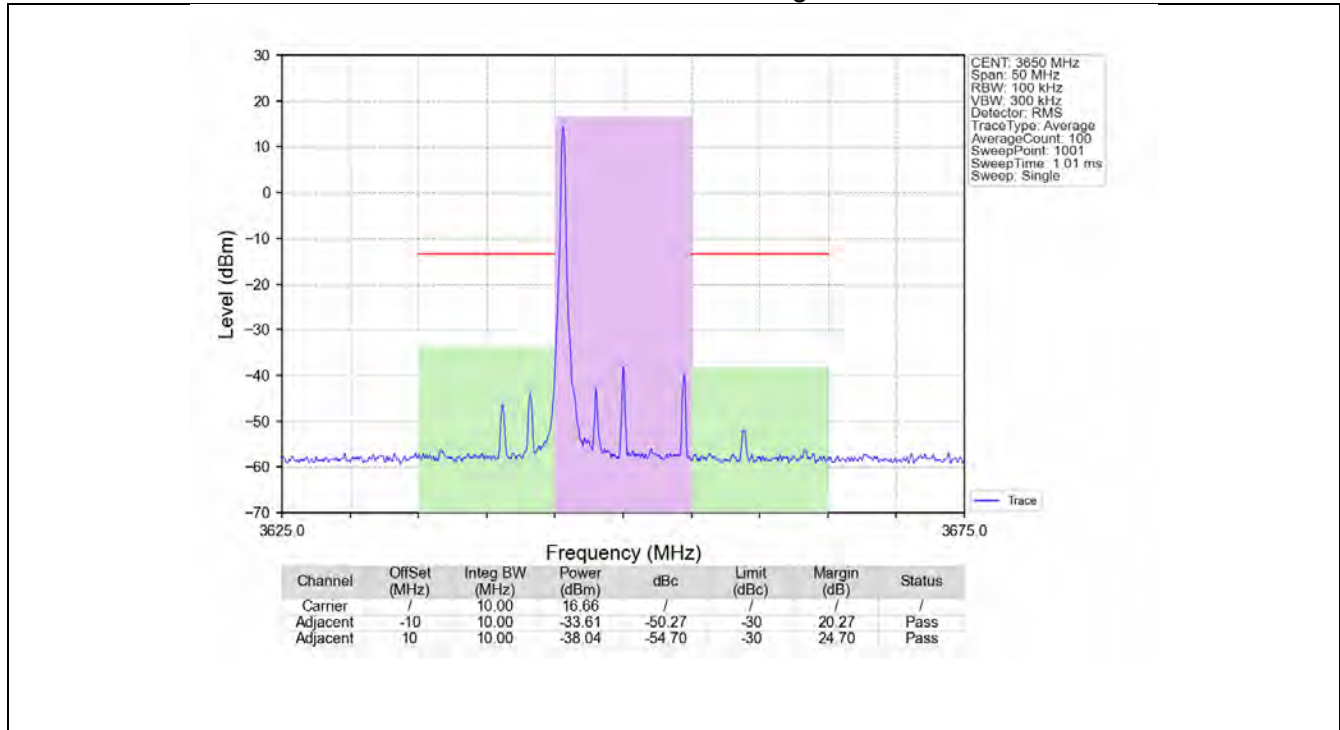


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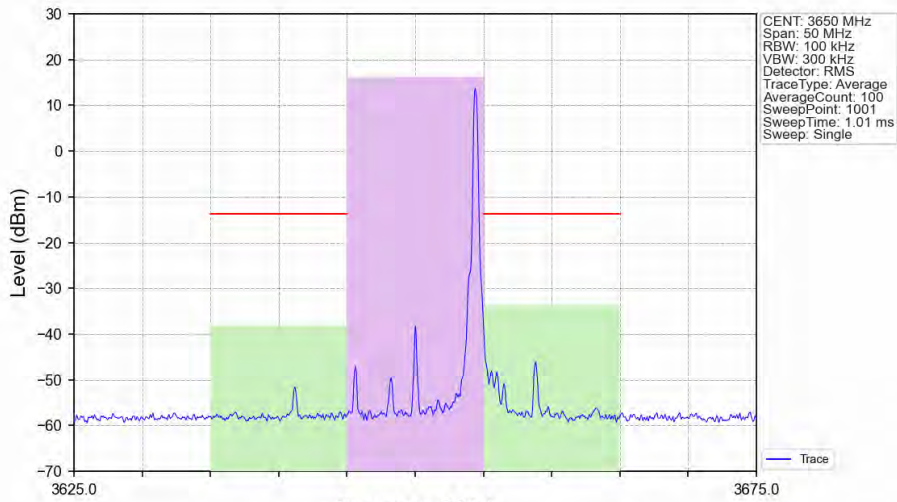
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Band43\_10MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_49\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.31	/	/	/	/
Adjacent	-10	10.00	-38.03	-54.34	-30	24.34	Pass
Adjacent	10	10.00	-33.73	-50.04	-30	20.04	Pass

Band43\_10MHz\_QPSK\_MCH\_3650MHz\_RB\_50\_0\_NTNV



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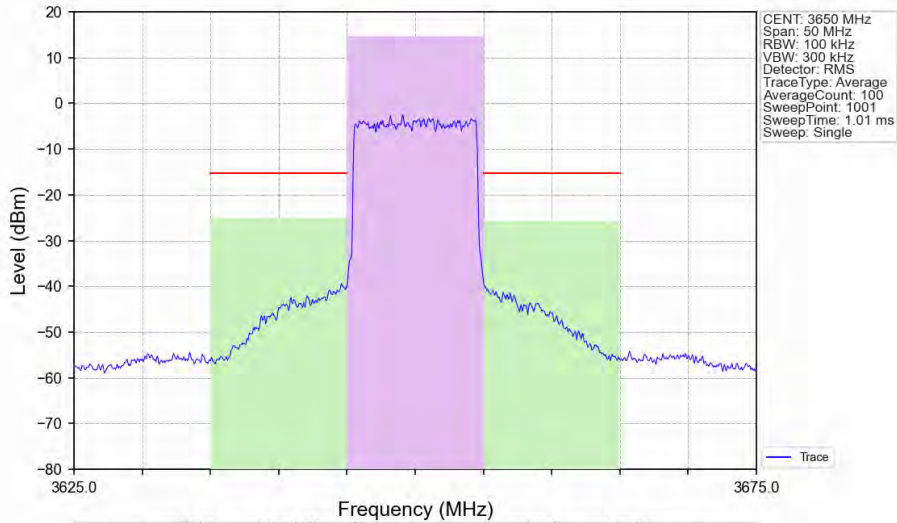
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	14.78	/	/	/	/
Adjacent	-10	10.00	-25.14	-39.92	-30	9.92	Pass
Adjacent	10	10.00	-25.72	-40.50	-30	10.50	Pass



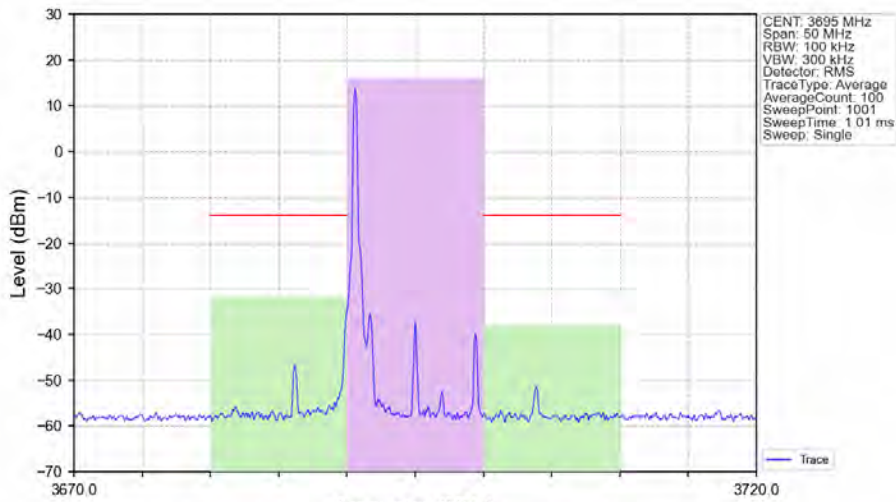
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Band43 10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_0\_NTV



Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	16.09	/	/	/	/
Adjacent	-10	10.00	-31.72	-47.81	-30	17.81	Pass
Adjacent	10	10.00	-37.86	-53.95	-30	23.95	Pass

Band43 10MHz\_QPSK\_HCH\_3695MHz\_RB\_1\_49\_NTV

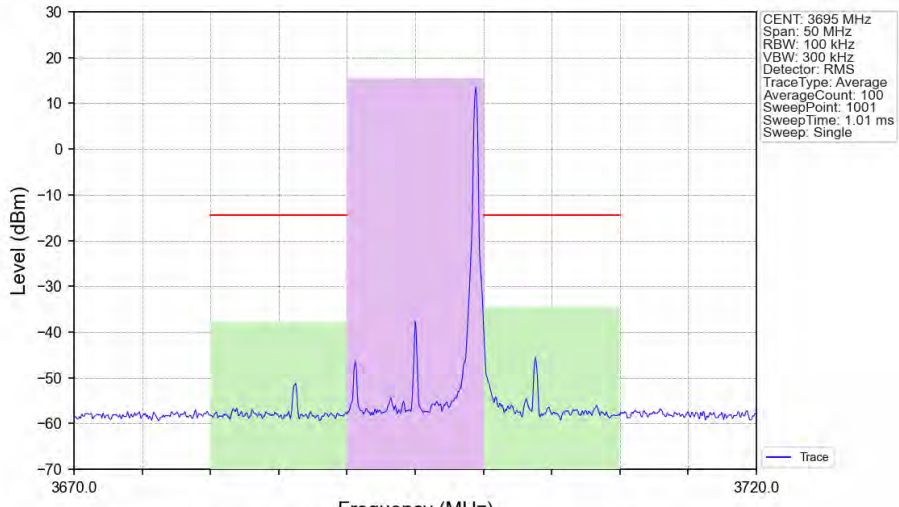


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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	15.57	/	/	/	/
Adjacent	-10	10.00	-37.96	-53.53	-30	23.53	Pass
Adjacent	10	10.00	-34.59	-50.16	-30	20.16	Pass

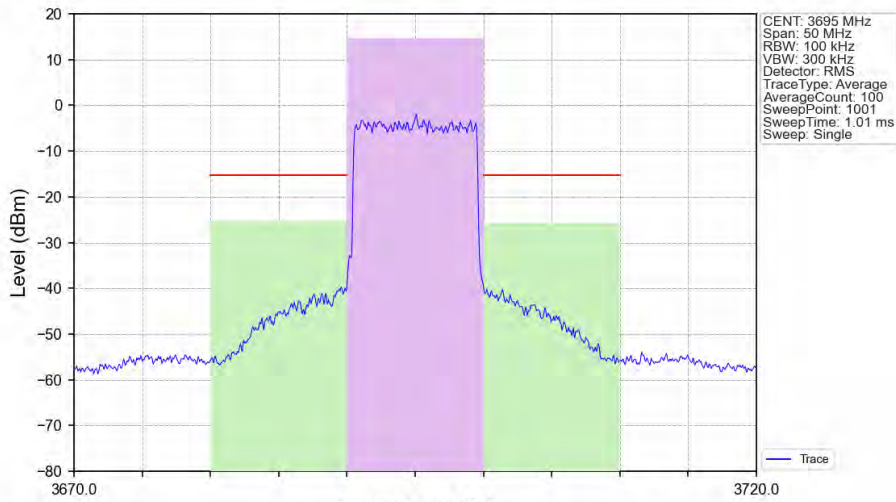


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Band43\_10MHz\_QPSK\_HCH\_3695MHz\_RB\_50\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	10.00	14.70	/	/	/	/
Adjacent	-10	10.00	-25.29	-39.99	-30	9.99	Pass
Adjacent	10	10.00	-25.64	-40.34	-30	10.34	Pass



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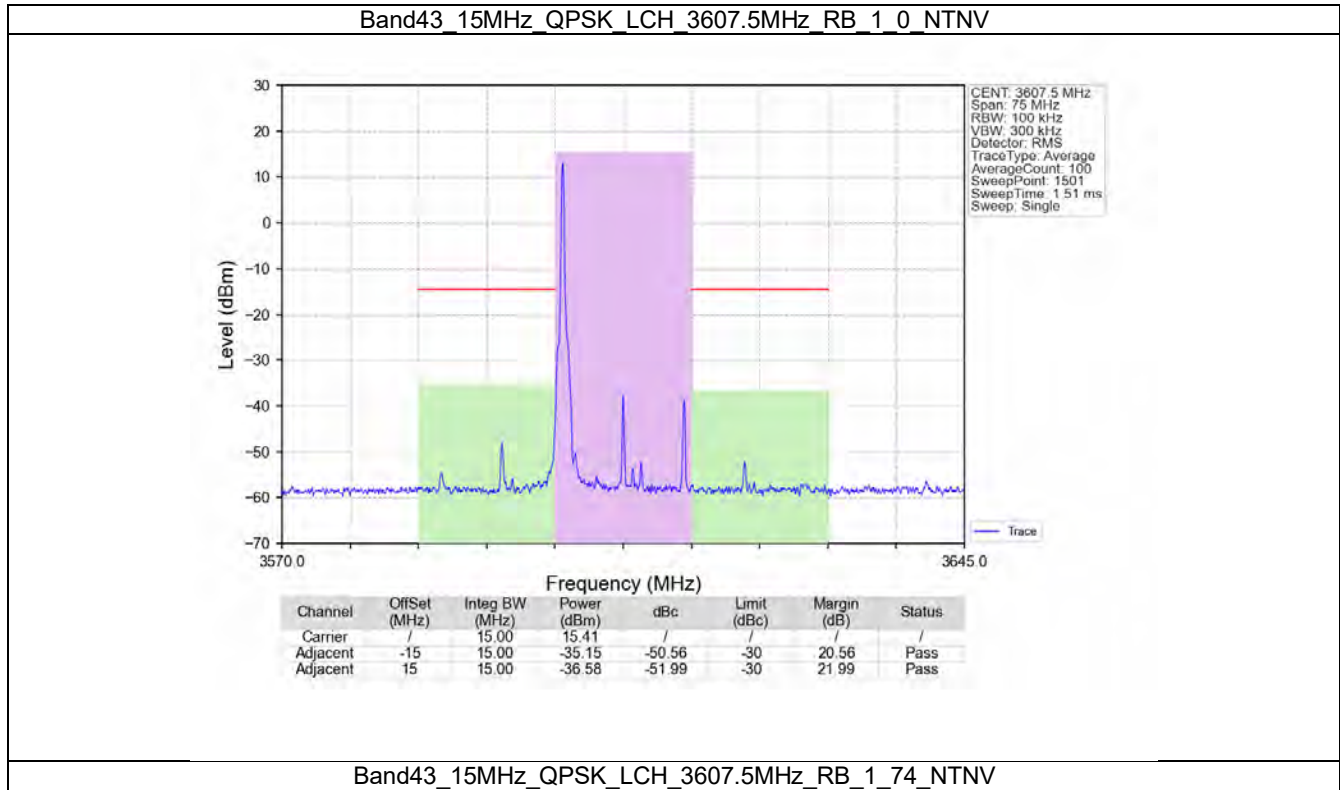
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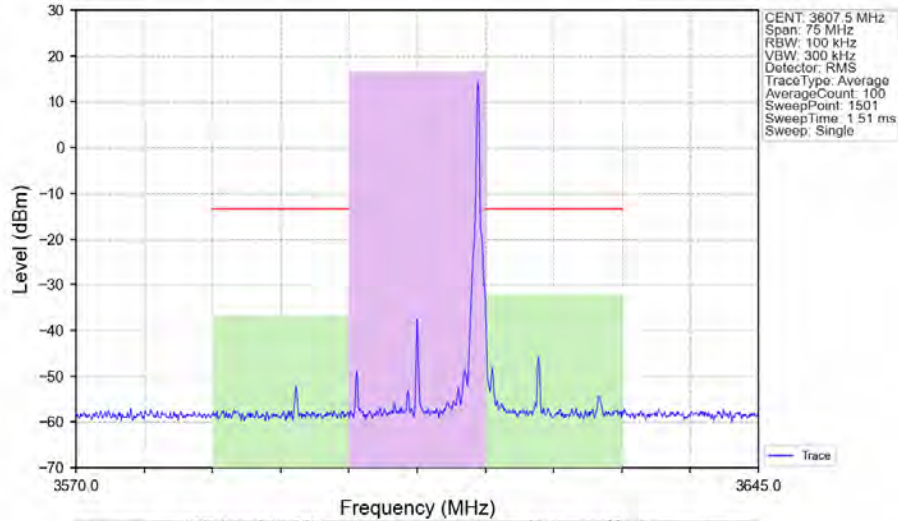
6.3.2 Test Graph



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	16.66	/	/	/	/
Adjacent	-15	15.00	-36.79	-53.45	-30	23.45	Pass
Adjacent	15	15.00	-32.09	-48.75	-30	18.75	Pass



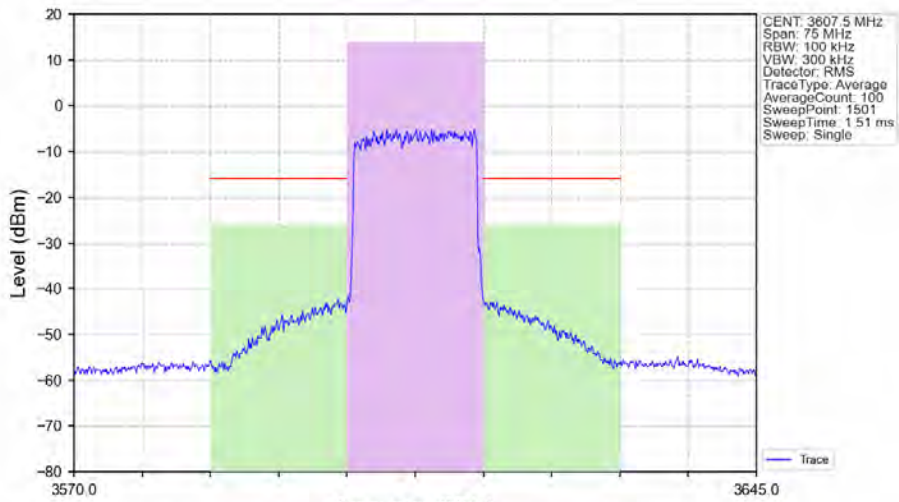
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Band43 15MHz\_QPSK\_LCH\_3607.5MHz\_RB\_75\_0\_NTNV



Band43 15MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV

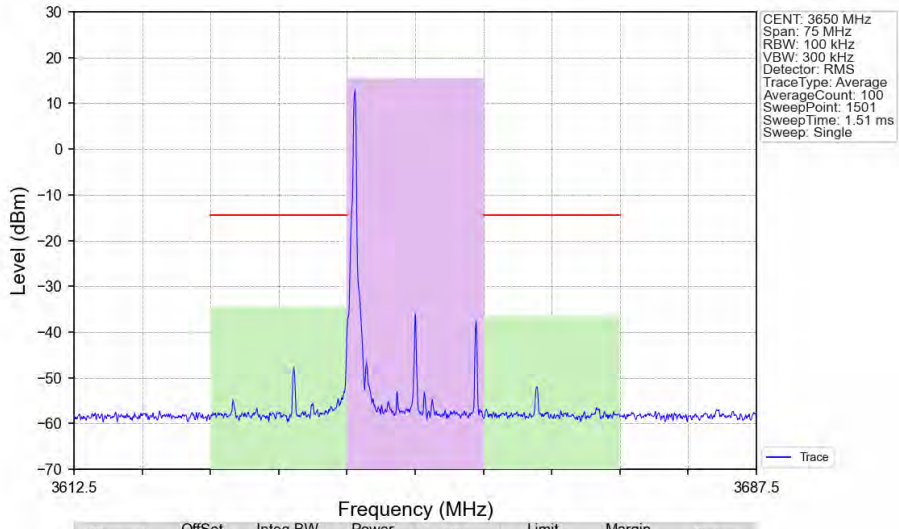


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Carrier	/	15.00	15.56	/	/	/	/
Adjacent	-15	15.00	-34.52	-50.08	-30	20.08	Pass
Adjacent	15	15.00	-36.43	-51.99	-30	21.99	Pass



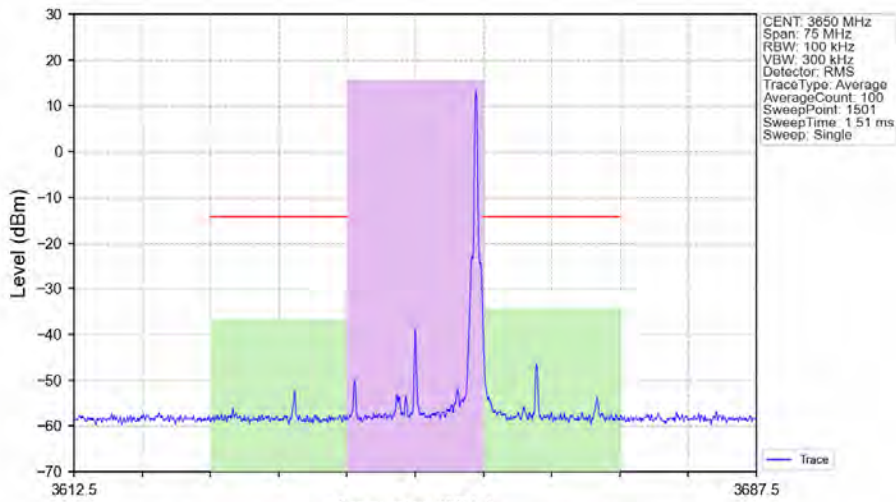
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Band43\_15MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_74\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	15.76	/	/	/	/
Adjacent	-15	15.00	-36.71	-52.47	-30	22.47	Pass
Adjacent	15	15.00	-34.41	-50.17	-30	20.17	Pass

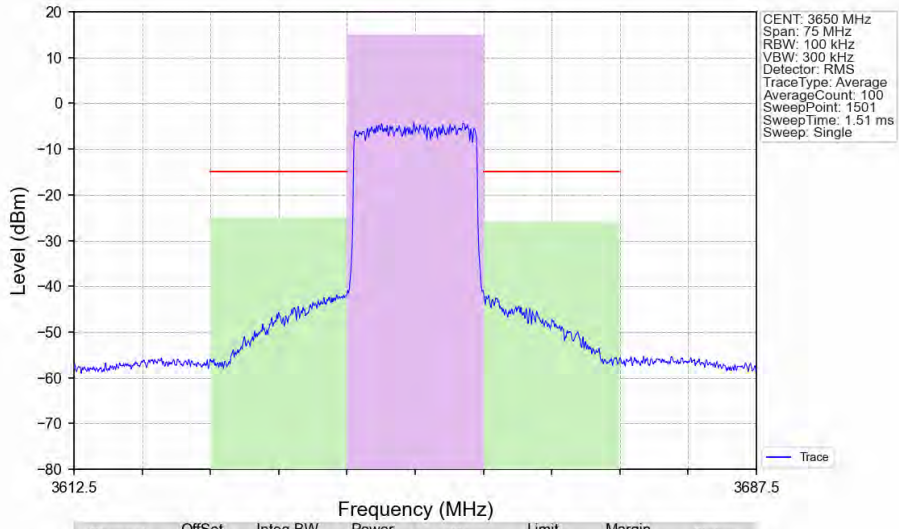
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	15.10	/	/	/	/
Adjacent	-15	15.00	-24.99	-40.09	-30	10.09	Pass
Adjacent	15	15.00	-25.91	-41.01	-30	11.01	Pass

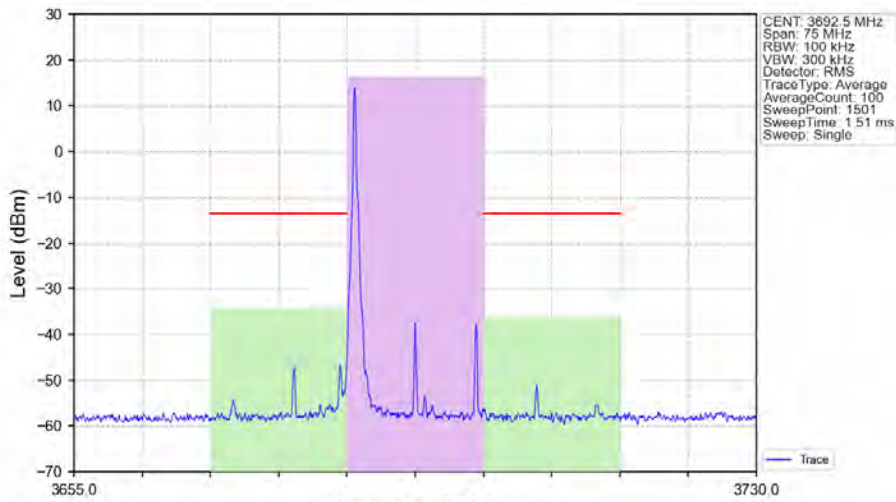


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Band43\_15MHz\_QPSK\_HCH\_3692.5MHz\_RB\_1\_0\_NTNV



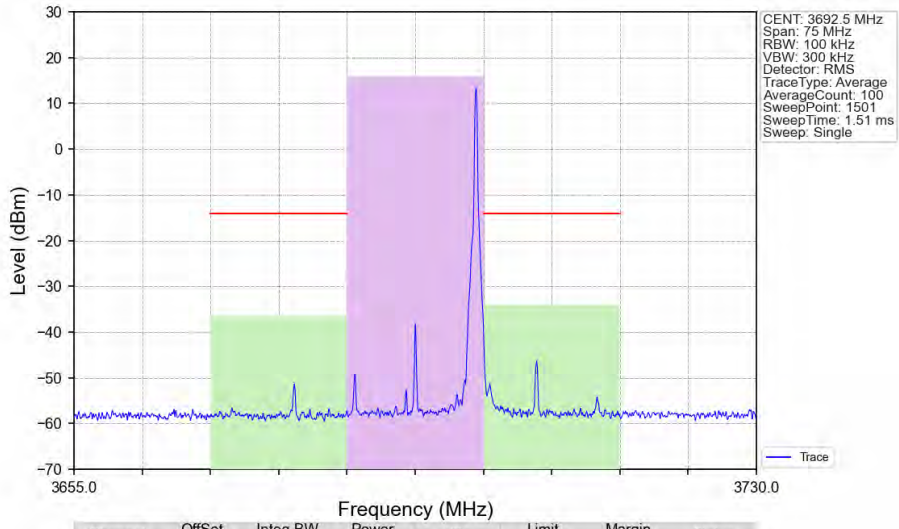
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	15.86	/	/	/	/
Adjacent	-15	15.00	-36.51	-52.37	-30	22.37	Pass
Adjacent	15	15.00	-33.99	-49.85	-30	19.85	Pass



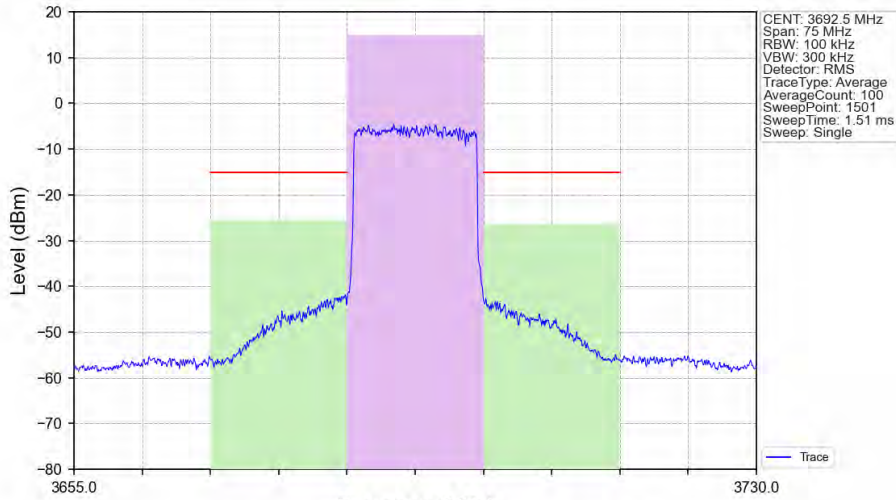
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Band43 15MHz\_QPSK\_HCH\_3692.5MHz RB 75\_0 NTNv



CENT: 3692.5 MHz  
 Span: 75 MHz  
 RBW: 100 kHz  
 VBW: 300 kHz  
 Detector: RMS  
 Trace Type: Average  
 Average Count: 100  
 Sweep Point: 1501  
 Sweep Time: 1.51 ms  
 Sweep: Single

Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	15.00	14.82	/	/	/	/
Adjacent	-15	15.00	-25.59	-40.41	-30	10.41	Pass
Adjacent	15	15.00	-26.46	-41.28	-30	11.28	Pass



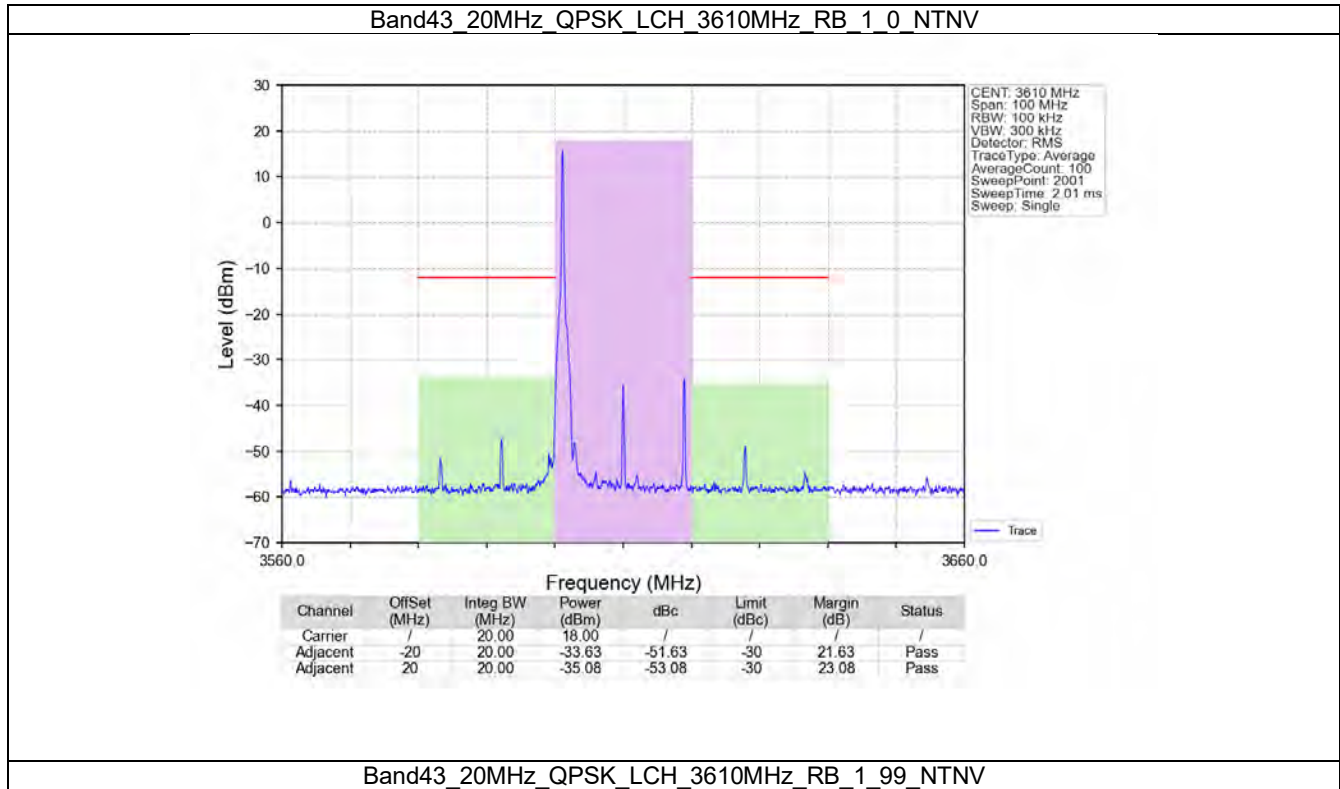
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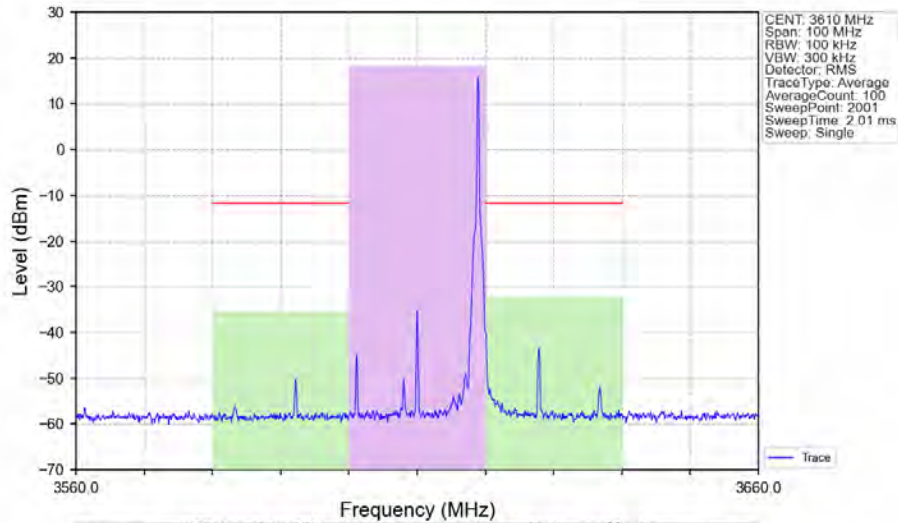
6.4.2 Test Graph



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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	18.23	/	/	/	/
Adjacent	-20	20.00	-35.43	-53.66	-30	23.66	Pass
Adjacent	20	20.00	-32.23	-50.46	-30	20.46	Pass



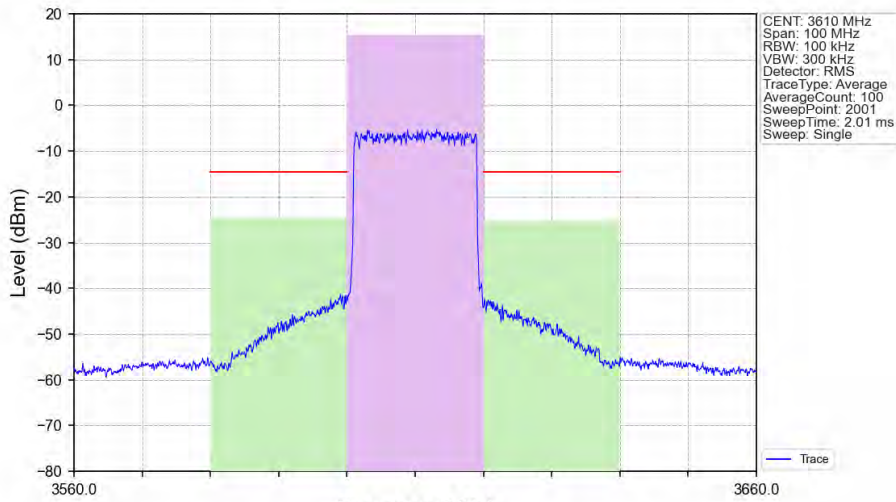
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Band43\_20MHz\_QPSK\_LCH\_3610MHz\_RB\_100\_0\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.36	/	/	/	/
Adjacent	-20	20.00	-24.67	-40.03	-30	10.03	Pass
Adjacent	20	20.00	-25.31	-40.67	-30	10.67	Pass

Band43\_20MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_0\_NTNV



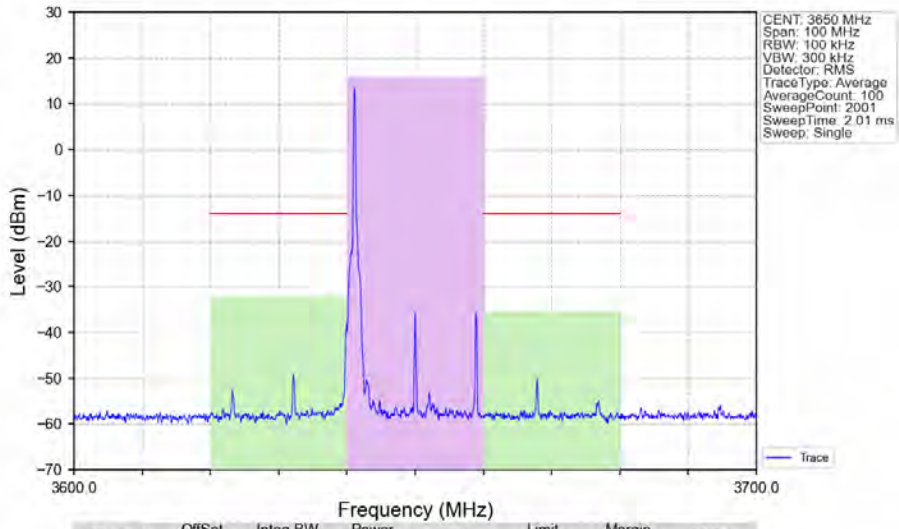
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	15.88	/	/	/	/
Adjacent	-20	20.00	-32.01	-47.89	-30	17.89	Pass
Adjacent	20	20.00	-35.20	-51.08	-30	21.08	Pass



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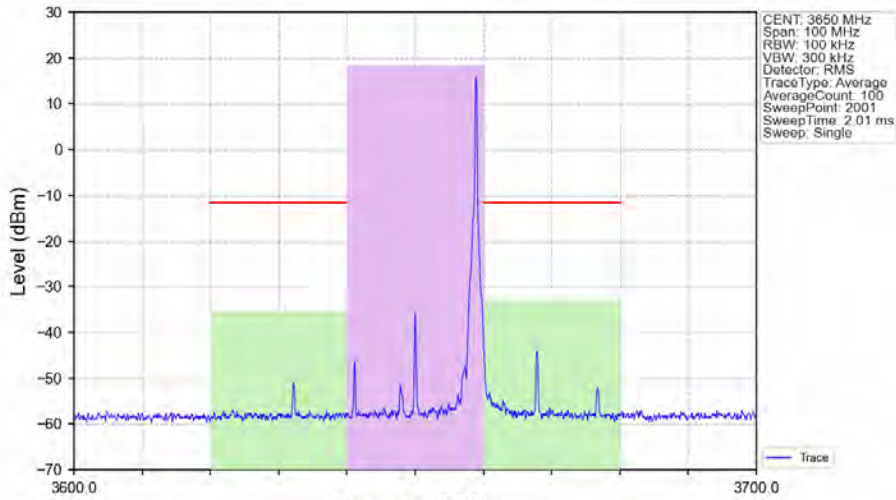
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Report No.: SUCR240500014801

Rev.: 01

Page: 178 of 185

Band43\_20MHz\_QPSK\_MCH\_3650MHz\_RB\_1\_99\_NTNV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	18.38	/	/	/	/
Adjacent	-20	20.00	-35.29	-53.67	-30	23.67	Pass
Adjacent	20	20.00	-32.71	-51.09	-30	21.09	Pass

Band43\_20MHz\_QPSK\_MCH\_3650MHz\_RB\_100\_0\_NTNV



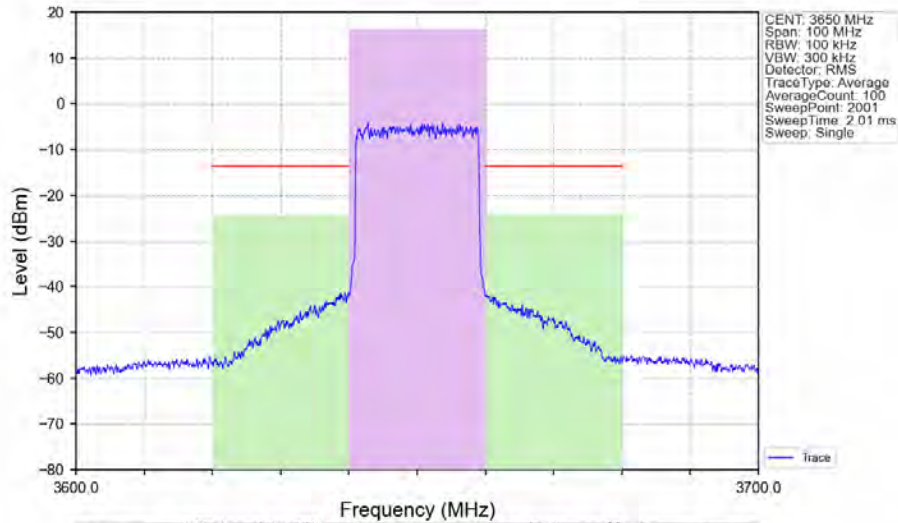
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.35	/	/	/	/
Adjacent	-20	20.00	-24.38	-40.73	-30	10.73	Pass
Adjacent	20	20.00	-24.28	-40.63	-30	10.63	Pass



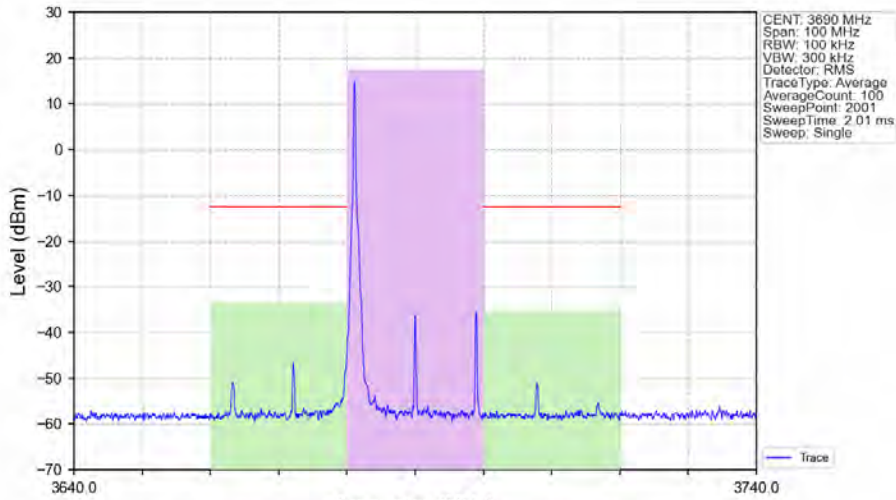
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Band43\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_0\_NTV



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	17.46	/	/	/	/
Adjacent	-20	20.00	-33.47	-50.93	-30	20.93	Pass
Adjacent	20	20.00	-35.11	-52.57	-30	22.57	Pass

Band43\_20MHz\_QPSK\_HCH\_3690MHz\_RB\_1\_99\_NTV



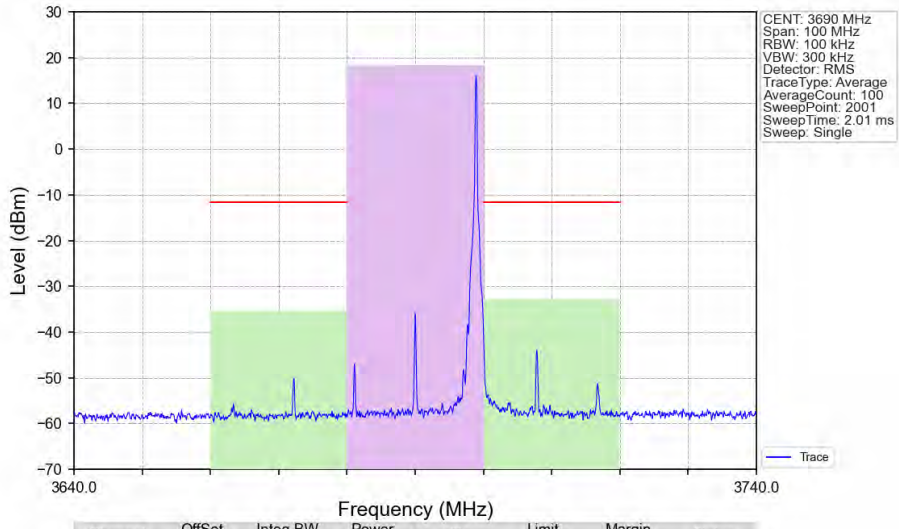
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Channel	OffSet (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	18.37	/	/	/	/
Adjacent	-20	20.00	-35.26	-53.63	-30	23.63	Pass
Adjacent	20	20.00	-32.74	-51.11	-30	21.11	Pass

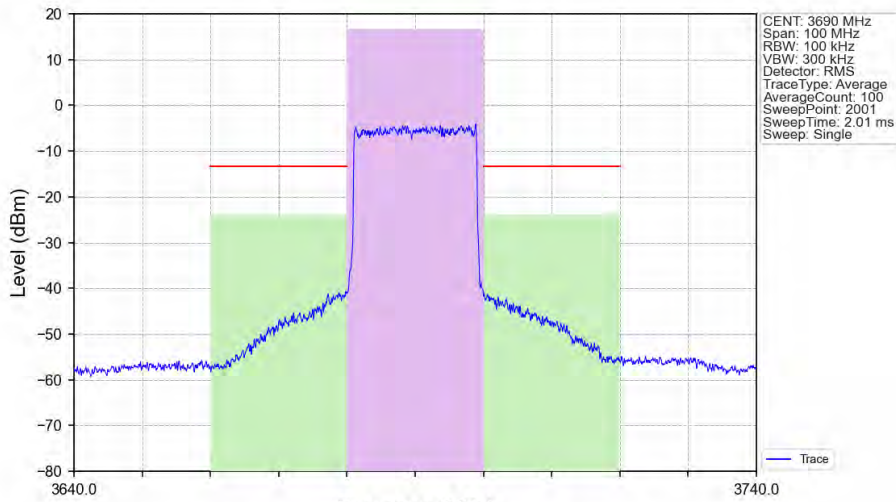


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Band43 20MHz\_QPSK\_HCH\_3690MHz\_RB 100\_0 NTN



Channel	Offset (MHz)	Integ BW (MHz)	Power (dBm)	dBc	Limit (dBc)	Margin (dB)	Status
Carrier	/	20.00	16.65	/	/	/	/
Adjacent	-20	20.00	-24.00	-40.65	-30	10.65	Pass
Adjacent	20	20.00	-23.87	-40.52	-30	10.52	Pass



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## 7. Field Strength of Spurious Radiation

Test Band = LTE Band43\_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7594.225	41.27	-42.76	36.53	-60.22	-40.00	20.22	Horizontal
2	8597.6	40.80	-40.91	36.74	-58.63	-40.00	18.63	Horizontal
3	9809.7	37.92	-39.07	38.12	-58.29	-40.00	18.29	Horizontal
4	10665.3	36.40	-37.67	38.57	-57.96	-40.00	17.96	Horizontal
5	12971.625	35.08	-37.18	39.39	-57.97	-40.00	17.97	Horizontal
6	14516.65	32.27	-34.42	41.21	-56.19	-40.00	16.19	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7945.55	42.02	-42.46	37.02	-58.68	-40.00	18.68	Vertical
2	8926.5	40.17	-40.90	36.54	-59.45	-40.00	19.45	Vertical
3	9840.75	37.83	-39.12	38.18	-58.37	-40.00	18.37	Vertical
4	10951.075	35.53	-37.70	38.60	-58.83	-40.00	18.83	Vertical
5	12775.55	35.03	-36.67	39.33	-57.57	-40.00	17.57	Vertical
6	14391.875	33.86	-35.14	41.11	-55.43	-40.00	15.43	Vertical



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Test Band = LTE Band43\_ 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	7050.85	42.90	-43.33	35.14	-60.55	-40.00	20.55	Horizontal
2	8006.5	41.53	-42.08	37.10	-58.71	-40.00	18.71	Horizontal
3	9416.975	41.09	-39.93	37.33	-56.76	-40.00	16.76	Horizontal
4	11016.05	35.76	-37.62	38.61	-58.51	-40.00	18.51	Horizontal
5	12756.575	35.67	-36.71	39.33	-56.97	-40.00	16.97	Horizontal
6	14345.875	33.57	-35.50	41.08	-56.12	-40.00	16.12	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7348.125	42.62	-43.07	35.97	-59.74	-40.00	19.74	Vertical
2	8886.825	40.46	-40.94	36.57	-59.17	-40.00	19.17	Vertical
3	10487.625	36.52	-38.76	38.55	-58.95	-40.00	18.95	Vertical
4	12096.475	36.20	-37.19	39.13	-57.12	-40.00	17.12	Vertical
5	13969.25	32.58	-35.02	40.76	-56.95	-40.00	16.95	Vertical
6	15317.05	31.99	-33.94	40.93	-56.28	-40.00	16.28	Vertical



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Test Band = LTE Band43\_ 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	7411.95	41.59	-42.84	36.15	-60.35	-40.00	20.35	Horizontal
2	8858.075	40.78	-41.01	36.59	-58.90	-40.00	18.90	Horizontal
3	10322.025	36.73	-38.91	38.53	-58.91	-40.00	18.91	Horizontal
4	11930.3	35.45	-37.30	39.07	-58.04	-40.00	18.04	Horizontal
5	14393.6	33.53	-35.13	41.11	-55.75	-40.00	15.75	Horizontal
6	15692.525	31.42	-33.34	40.15	-57.04	-40.00	17.04	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7648.275	41.98	-42.84	36.61	-59.51	-40.00	19.51	Vertical
2	9412.375	40.23	-39.92	37.32	-57.63	-40.00	17.63	Vertical
3	10772.825	36.17	-38.20	38.58	-58.72	-40.00	18.72	Vertical
4	12089.575	35.46	-37.19	39.13	-57.86	-40.00	17.86	Vertical
5	15176.175	31.98	-33.93	41.23	-55.98	-40.00	15.98	Vertical
6	16130.675	30.84	-34.24	39.84	-58.82	-40.00	18.82	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Pre-amplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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