



Report No.: SZCR240100038408
Rev.: 01
Page: 1 of 387

Appendix B.17

LTE Band 43(3700-3800)



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Report No.: SZCR240100038408

Rev.: 01

Page: 2 of 387

1. Effective (Isotropic) Radiated Power Output Data

1.1 B43d_5MHz_EIRP

1.1.1 Test Result

Band: 43d / Bandwidth: 5MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3702.5	1	0	23.88	-5.4	18.48	30	Pass		
			13	23.98	-5.4	18.58	30	Pass		
			24	23.78	-5.4	18.38	30	Pass		
		12	0	22.95	-5.4	17.55	30	Pass		
			6	23.03	-5.4	17.63	30	Pass		
			13	22.94	-5.4	17.54	30	Pass		
		25	0	22.96	-5.4	17.56	30	Pass		
		3750	1	0	21.89	-5.4	16.49	30	Pass	
				13	21.21	-5.4	15.81	30	Pass	
	24			22.10	-5.4	16.7	30	Pass		
	12		0	21.63	-5.4	16.23	30	Pass		
			6	22.10	-5.4	16.7	30	Pass		
			13	22.00	-5.4	16.6	30	Pass		
	25		0	21.24	-5.4	15.84	30	Pass		
	3797.5		1	0	21.96	-5.4	16.56	30	Pass	
				13	21.50	-5.4	16.1	30	Pass	
		24		21.70	-5.4	16.3	30	Pass		
		12	0	22.01	-5.4	16.61	30	Pass		
			6	22.00	-5.4	16.6	30	Pass		
			13	21.43	-5.4	16.03	30	Pass		
		25	0	21.94	-5.4	16.54	30	Pass		
		16QAM	3702.5	1	0	22.85	-5.4	17.45	30	Pass
					13	22.89	-5.4	17.49	30	Pass
	24				22.72	-5.4	17.32	30	Pass	
12	0			21.92	-5.4	16.52	30	Pass		
	6			21.90	-5.4	16.5	30	Pass		
	13			21.89	-5.4	16.49	30	Pass		
25	0			21.93	-5.4	16.53	30	Pass		
3750	1			0	22.12	-5.4	16.72	30	Pass	
				13	21.94	-5.4	16.54	30	Pass	
			24	21.92	-5.4	16.52	30	Pass		
	12		0	21.96	-5.4	16.56	30	Pass		
			6	21.21	-5.4	15.81	30	Pass		
			13	21.97	-5.4	16.57	30	Pass		
	25		0	21.88	-5.4	16.48	30	Pass		
	3797.5		1	0	21.71	-5.4	16.31	30	Pass	
				13	21.93	-5.4	16.53	30	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 3 of 387

64QAM	3702.5	12	24	22.07	-5.4	16.67	30	Pass	
			0	21.53	-5.4	16.13	30	Pass	
			6	21.91	-5.4	16.51	30	Pass	
		25	13	21.95	-5.4	16.55	30	Pass	
			0	21.82	-5.4	16.42	30	Pass	
			6	21.95	-5.4	16.55	30	Pass	
	3750	12	1	0	21.97	-5.4	16.57	30	Pass
				13	21.92	-5.4	16.52	30	Pass
				24	21.91	-5.4	16.51	30	Pass
			25	0	20.97	-5.4	15.57	30	Pass
				6	20.94	-5.4	15.54	30	Pass
				13	20.92	-5.4	15.52	30	Pass
3797.5		12	1	0	21.15	-5.4	15.75	30	Pass
				13	21.97	-5.4	16.57	30	Pass
				24	21.81	-5.4	16.41	30	Pass
		25	0	21.19	-5.4	15.79	30	Pass	
			6	21.94	-5.4	16.54	30	Pass	
			13	21.17	-5.4	15.77	30	Pass	
256QAM	3702.5	1	0	21.55	-5.4	16.15	30	Pass	
			13	21.83	-5.4	16.43	30	Pass	
			24	21.97	-5.4	16.57	30	Pass	
		12	0	21.52	-5.4	16.12	30	Pass	
			6	21.95	-5.4	16.55	30	Pass	
			13	22.01	-5.4	16.61	30	Pass	
	3750	12	1	0	21.67	-5.4	16.27	30	Pass
				13	21.84	-5.4	16.44	30	Pass
				24	21.84	-5.4	16.44	30	Pass
		25	0	19.31	-5.4	13.91	30	Pass	
			6	19.28	-5.4	13.88	30	Pass	
			13	18.99	-5.4	13.59	30	Pass	
3797.5	3702.5	12	0	18.97	-5.4	13.57	30	Pass	
			6	19.04	-5.4	13.64	30	Pass	
			13	18.84	-5.4	13.44	30	Pass	
		25	0	18.99	-5.4	13.59	30	Pass	
			6	18.72	-5.4	13.32	30	Pass	
			13	18.69	-5.4	13.29	30	Pass	
	3750	12	0	18.73	-5.4	13.33	30	Pass	
			6	18.61	-5.4	13.21	30	Pass	
			13	18.61	-5.4	13.21	30	Pass	
		25	0	18.65	-5.4	13.25	30	Pass	
			6	18.63	-5.4	13.23	30	Pass	
			13	18.63	-5.4	13.23	30	Pass	
3797.5	12	1	0	19.03	-5.4	13.63	30	Pass	
			13	19.02	-5.4	13.62	30	Pass	
			24	18.97	-5.4	13.57	30	Pass	
	25	0	18.86	-5.4	13.46	30	Pass		
		6	18.74	-5.4	13.34	30	Pass		
		13	18.75	-5.4	13.35	30	Pass		
0	18.74	-5.4	13.34	30	Pass				

Note1: EIRP=Conducted Power+Antenna Gain



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Report No.: SZCR240100038408

Rev.: 01

Page: 4 of 387

1.2 B43d_10MHz_EIRP

1.2.1 Test Result

Band: 43d / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3705	1	0	21.58	-5.4	16.18	30	Pass	
			25	21.46	-5.4	16.06	30	Pass	
			49	22.27	-5.4	16.87	30	Pass	
		25	0	21.55	-5.4	16.15	30	Pass	
			13	22.26	-5.4	16.86	30	Pass	
			25	21.52	-5.4	16.12	30	Pass	
		50	0	22.26	-5.4	16.86	30	Pass	
		3750	1	0	22.00	-5.4	16.6	30	Pass
				25	21.91	-5.4	16.51	30	Pass
	49			21.95	-5.4	16.55	30	Pass	
	25		0	21.28	-5.4	15.88	30	Pass	
			13	21.94	-5.4	16.54	30	Pass	
			25	21.94	-5.4	16.54	30	Pass	
	50		0	21.28	-5.4	15.88	30	Pass	
	3795		1	0	21.71	-5.4	16.31	30	Pass
				25	21.49	-5.4	16.09	30	Pass
		49		21.56	-5.4	16.16	30	Pass	
		25	0	21.50	-5.4	16.1	30	Pass	
			13	21.96	-5.4	16.56	30	Pass	
			25	21.71	-5.4	16.31	30	Pass	
	50	0	21.89	-5.4	16.49	30	Pass		
	16QAM	3705	1	0	21.46	-5.4	16.06	30	Pass
				25	22.26	-5.4	16.86	30	Pass
				49	21.44	-5.4	16.04	30	Pass
25			0	22.28	-5.4	16.88	30	Pass	
			13	22.18	-5.4	16.78	30	Pass	
			25	21.45	-5.4	16.05	30	Pass	
50			0	22.26	-5.4	16.86	30	Pass	
3750			1	0	21.87	-5.4	16.47	30	Pass
				25	21.87	-5.4	16.47	30	Pass
		49		21.27	-5.4	15.87	30	Pass	
		25	0	21.96	-5.4	16.56	30	Pass	
			13	21.96	-5.4	16.56	30	Pass	
			25	21.95	-5.4	16.55	30	Pass	
		50	0	21.87	-5.4	16.47	30	Pass	
		3795	1	0	21.73	-5.4	16.33	30	Pass
				25	21.72	-5.4	16.32	30	Pass
49				21.59	-5.4	16.19	30	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 5 of 387

		25	0	21.15	-5.4	15.75	30	Pass
			13	21.57	-5.4	16.17	30	Pass
			25	21.52	-5.4	16.12	30	Pass
		50	0	21.90	-5.4	16.5	30	Pass
			0	21.52	-5.4	16.12	30	Pass
			25	22.26	-5.4	16.86	30	Pass
			49	21.38	-5.4	15.98	30	Pass
	3705		0	21.39	-5.4	15.99	30	Pass
		25	13	21.47	-5.4	16.07	30	Pass
			25	22.25	-5.4	16.85	30	Pass
		50	0	22.27	-5.4	16.87	30	Pass
			0	21.97	-5.4	16.57	30	Pass
			25	21.96	-5.4	16.56	30	Pass
			49	21.98	-5.4	16.58	30	Pass
	3750		0	21.79	-5.4	16.39	30	Pass
		25	13	21.90	-5.4	16.5	30	Pass
			25	21.81	-5.4	16.41	30	Pass
		50	0	21.98	-5.4	16.58	30	Pass
			0	21.95	-5.4	16.55	30	Pass
			25	21.95	-5.4	16.55	30	Pass
			49	21.96	-5.4	16.56	30	Pass
	3795		0	21.71	-5.4	16.31	30	Pass
		25	13	21.61	-5.4	16.21	30	Pass
			25	21.16	-5.4	15.76	30	Pass
		50	0	21.96	-5.4	16.56	30	Pass
			0	19.08	-5.4	13.68	30	Pass
			25	18.87	-5.4	13.47	30	Pass
			49	18.80	-5.4	13.4	30	Pass
	3705		0	18.88	-5.4	13.48	30	Pass
		25	13	18.72	-5.4	13.32	30	Pass
			25	18.83	-5.4	13.43	30	Pass
		50	0	18.78	-5.4	13.38	30	Pass
			0	18.35	-5.4	12.95	30	Pass
			25	18.24	-5.4	12.84	30	Pass
			49	18.83	-5.4	13.43	30	Pass
	3750		0	18.65	-5.4	13.25	30	Pass
		25	13	18.57	-5.4	13.17	30	Pass
			25	18.62	-5.4	13.22	30	Pass
		50	0	18.59	-5.4	13.19	30	Pass
			0	18.73	-5.4	13.33	30	Pass
			25	18.63	-5.4	13.23	30	Pass
			49	18.74	-5.4	13.34	30	Pass
	3795		0	18.72	-5.4	13.32	30	Pass
		25	13	18.73	-5.4	13.33	30	Pass
			25	18.81	-5.4	13.41	30	Pass
		50	0	18.88	-5.4	13.48	30	Pass

Note 1: EIRP=Conducted Power+Antenna Gain



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Report No.: SZCR240100038408

Rev.: 01

Page: 6 of 387

1.3 B43d_15MHz_EIRP

1.3.1 Test Result

Band: 43d / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	3707.5	1	0	22.15	-5.4	16.75	30	Pass		
			38	22.15	-5.4	16.75	30	Pass		
			74	22.17	-5.4	16.77	30	Pass		
		36	0	22.16	-5.4	16.76	30	Pass		
			18	21.44	-5.4	16.04	30	Pass		
			39	21.42	-5.4	16.02	30	Pass		
		75	0	22.16	-5.4	16.76	30	Pass		
		3750	1	0	21.22	-5.4	15.82	30	Pass	
				38	21.81	-5.4	16.41	30	Pass	
	74			21.74	-5.4	16.34	30	Pass		
	36		0	21.86	-5.4	16.46	30	Pass		
			18	21.85	-5.4	16.45	30	Pass		
			39	21.83	-5.4	16.43	30	Pass		
	75		0	21.21	-5.4	15.81	30	Pass		
	3792.5		1	0	21.25	-5.4	15.85	30	Pass	
				38	21.71	-5.4	16.31	30	Pass	
		74		21.58	-5.4	16.18	30	Pass		
		36	0	21.80	-5.4	16.4	30	Pass		
			18	21.68	-5.4	16.28	30	Pass		
			39	21.79	-5.4	16.39	30	Pass		
		75	0	21.68	-5.4	16.28	30	Pass		
		16QAM	3707.5	1	0	22.18	-5.4	16.78	30	Pass
					38	21.43	-5.4	16.03	30	Pass
	74				21.28	-5.4	15.88	30	Pass	
	36			0	22.06	-5.4	16.66	30	Pass	
				18	21.25	-5.4	15.85	30	Pass	
				39	22.16	-5.4	16.76	30	Pass	
75	0			21.43	-5.4	16.03	30	Pass		
3750	1			0	21.73	-5.4	16.33	30	Pass	
				38	21.74	-5.4	16.34	30	Pass	
			74	21.73	-5.4	16.33	30	Pass		
	36		0	21.20	-5.4	15.8	30	Pass		
			18	21.84	-5.4	16.44	30	Pass		
			39	21.74	-5.4	16.34	30	Pass		
	75		0	21.81	-5.4	16.41	30	Pass		
	3792.5		1	0	21.23	-5.4	15.83	30	Pass	
				38	21.61	-5.4	16.21	30	Pass	
74				21.24	-5.4	15.84	30	Pass		
36			0	21.59	-5.4	16.19	30	Pass		
			18	21.24	-5.4	15.84	30	Pass		



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Report No.: SZCR240100038408

Rev.: 01

Page: 7 of 387

			39	21.23	-5.4	15.83	30	Pass
		75	0	21.78	-5.4	16.38	30	Pass
64QAM	3707.5	1	0	22.16	-5.4	16.76	30	Pass
			38	21.45	-5.4	16.05	30	Pass
			74	22.04	-5.4	16.64	30	Pass
		36	0	21.42	-5.4	16.02	30	Pass
			18	22.15	-5.4	16.75	30	Pass
			39	21.27	-5.4	15.87	30	Pass
	75	0	22.15	-5.4	16.75	30	Pass	
	3750	1	0	21.20	-5.4	15.8	30	Pass
			38	21.84	-5.4	16.44	30	Pass
			74	21.19	-5.4	15.79	30	Pass
		36	0	21.18	-5.4	15.78	30	Pass
			18	21.21	-5.4	15.81	30	Pass
			39	21.21	-5.4	15.81	30	Pass
	75	0	21.22	-5.4	15.82	30	Pass	
	3792.5	1	0	21.24	-5.4	15.84	30	Pass
			38	21.24	-5.4	15.84	30	Pass
			74	21.58	-5.4	16.18	30	Pass
		36	0	21.78	-5.4	16.38	30	Pass
18			21.67	-5.4	16.27	30	Pass	
39			21.58	-5.4	16.18	30	Pass	
75	0	21.81	-5.4	16.41	30	Pass		
256QAM	3707.5	1	0	18.76	-5.4	13.36	30	Pass
			38	18.71	-5.4	13.31	30	Pass
			74	18.58	-5.4	13.18	30	Pass
		36	0	18.83	-5.4	13.43	30	Pass
			18	18.81	-5.4	13.41	30	Pass
			39	18.68	-5.4	13.28	30	Pass
	75	0	18.71	-5.4	13.31	30	Pass	
	3750	1	0	18.73	-5.4	13.33	30	Pass
			38	18.76	-5.4	13.36	30	Pass
			74	18.38	-5.4	12.98	30	Pass
		36	0	18.59	-5.4	13.19	30	Pass
			18	18.50	-5.4	13.1	30	Pass
			39	18.55	-5.4	13.15	30	Pass
	75	0	18.59	-5.4	13.19	30	Pass	
	3792.5	1	0	18.42	-5.4	13.02	30	Pass
			38	18.61	-5.4	13.21	30	Pass
			74	18.74	-5.4	13.34	30	Pass
		36	0	18.61	-5.4	13.21	30	Pass
18			18.62	-5.4	13.22	30	Pass	
39			18.62	-5.4	13.22	30	Pass	
75	0	18.66	-5.4	13.26	30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain



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Report No.: SZCR240100038408

Rev.: 01

Page: 8 of 387

1.4 B43d_20MHz_EIRP

1.4.1 Test Result

Band: 43d / Bandwidth: 20MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict	
		Size	Offset			Result	Limit		
QPSK	3710	1	0	21.72	-5.4	16.32	30	Pass	
			50	22.28	-5.4	16.88	30	Pass	
			99	21.69	-5.4	16.29	30	Pass	
		50	0	22.30	-5.4	16.9	30	Pass	
			25	21.73	-5.4	16.33	30	Pass	
			50	21.38	-5.4	15.98	30	Pass	
	100	0	21.72	-5.4	16.32	30	Pass		
	3750	1	0	21.85	-5.4	16.45	30	Pass	
			50	21.86	-5.4	16.46	30	Pass	
			99	21.52	-5.4	16.12	30	Pass	
		50	0	21.90	-5.4	16.5	30	Pass	
			25	21.55	-5.4	16.15	30	Pass	
			50	21.88	-5.4	16.48	30	Pass	
	100	0	21.25	-5.4	15.85	30	Pass		
	3790	1	0	21.21	-5.4	15.81	30	Pass	
			50	21.23	-5.4	15.83	30	Pass	
			99	21.21	-5.4	15.81	30	Pass	
		50	0	21.74	-5.4	16.34	30	Pass	
			25	21.63	-5.4	16.23	30	Pass	
			50	21.64	-5.4	16.24	30	Pass	
	100	0	21.76	-5.4	16.36	30	Pass		
	16QAM	3710	1	0	22.29	-5.4	16.89	30	Pass
				50	21.71	-5.4	16.31	30	Pass
				99	21.36	-5.4	15.96	30	Pass
50			0	22.28	-5.4	16.88	30	Pass	
			25	21.73	-5.4	16.33	30	Pass	
			50	21.35	-5.4	15.95	30	Pass	
100		0	21.36	-5.4	15.96	30	Pass		
3750		1	0	21.89	-5.4	16.49	30	Pass	
			50	21.23	-5.4	15.83	30	Pass	
			99	21.88	-5.4	16.48	30	Pass	
		50	0	21.89	-5.4	16.49	30	Pass	
			25	21.23	-5.4	15.83	30	Pass	
			50	21.52	-5.4	16.12	30	Pass	
100		0	21.87	-5.4	16.47	30	Pass		
3790		1	0	21.73	-5.4	16.33	30	Pass	
			50	21.19	-5.4	15.79	30	Pass	
			99	21.63	-5.4	16.23	30	Pass	
		50	0	21.21	-5.4	15.81	30	Pass	
			25	21.73	-5.4	16.33	30	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 9 of 387

64QAM	3710	1	50	21.62	-5.4	16.22	30	Pass	
			100	0	21.62	-5.4	16.22	30	Pass
			0	22.28	-5.4	16.88	30	Pass	
		50	50	22.29	-5.4	16.89	30	Pass	
			99	21.69	-5.4	16.29	30	Pass	
			0	21.38	-5.4	15.98	30	Pass	
	100	25	21.35	-5.4	15.95	30	Pass		
		50	21.70	-5.4	16.3	30	Pass		
		0	22.30	-5.4	16.9	30	Pass		
	3750	1	0	21.84	-5.4	16.44	30	Pass	
			50	21.23	-5.4	15.83	30	Pass	
			99	21.53	-5.4	16.13	30	Pass	
		50	0	21.86	-5.4	16.46	30	Pass	
			25	21.86	-5.4	16.46	30	Pass	
			50	21.53	-5.4	16.13	30	Pass	
	100	0	21.86	-5.4	16.46	30	Pass		
	3790	1	0	21.62	-5.4	16.22	30	Pass	
			50	21.61	-5.4	16.21	30	Pass	
99			21.62	-5.4	16.22	30	Pass		
50		0	21.72	-5.4	16.32	30	Pass		
		25	21.75	-5.4	16.35	30	Pass		
		50	21.72	-5.4	16.32	30	Pass		
100	0	21.74	-5.4	16.34	30	Pass			
256QAM	3710	1	0	19.11	-5.4	13.71	30	Pass	
			50	18.74	-5.4	13.34	30	Pass	
			99	18.52	-5.4	13.12	30	Pass	
		50	0	18.66	-5.4	13.26	30	Pass	
			25	18.65	-5.4	13.25	30	Pass	
			50	18.71	-5.4	13.31	30	Pass	
	100	0	18.75	-5.4	13.35	30	Pass		
	3750	1	0	18.45	-5.4	13.05	30	Pass	
			50	18.55	-5.4	13.15	30	Pass	
			99	18.60	-5.4	13.2	30	Pass	
		50	0	18.59	-5.4	13.19	30	Pass	
			25	18.54	-5.4	13.14	30	Pass	
			50	18.65	-5.4	13.25	30	Pass	
	100	0	18.52	-5.4	13.12	30	Pass		
	3790	1	0	18.33	-5.4	12.93	30	Pass	
			50	18.37	-5.4	12.97	30	Pass	
			99	18.24	-5.4	12.84	30	Pass	
		50	0	18.70	-5.4	13.3	30	Pass	
25			18.72	-5.4	13.32	30	Pass		
50			18.66	-5.4	13.26	30	Pass		
100	0	18.64	-5.4	13.24	30	Pass			

Note1: EIRP=Conducted Power+Antenna Gain



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Report No.: SZCR240100038408

Rev.: 01

Page: 10 of 387

2. Frequency Stability

2.1 B43d_5MHz

2.1.1 Test Result

Band: 43d / Bandwidth: 5MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3702.5	25	0	20	3.55	6.166	0.0017	/	Pass	
					4.0	6.266	0.0017	/	Pass	
					4.4	3.147	0.0008	/	Pass	
				-30	4.0	2.232	0.0006	/	Pass	
					-20	4.0	6.137	0.0017	/	Pass
						4.0	1.230	0.0003	/	Pass
				0	4.0	1.845	0.0005	/	Pass	
					4.0	5.536	0.0015	/	Pass	
				30	4.0	2.460	0.0007	/	Pass	
				40	4.0	4.907	0.0013	/	Pass	
	50	4.0	2.775	0.0007	/	Pass				
	3750	25	0	20	3.55	4.234	0.0011	/	Pass	
					4.0	0.887	0.0002	/	Pass	
					4.4	0.687	0.0002	/	Pass	
				-30	4.0	3.877	0.0010	/	Pass	
					-20	4.0	1.402	0.0004	/	Pass
						4.0	5.808	0.0015	/	Pass
				0	4.0	4.606	0.0012	/	Pass	
					4.0	0.443	0.0001	/	Pass	
				30	4.0	-0.815	-0.0002	/	Pass	
				40	4.0	3.533	0.0009	/	Pass	
	50	4.0	5.608	0.0015	/	Pass				
	3797.5	25	0	20	3.55	1.245	0.0003	/	Pass	
					4.0	4.721	0.0012	/	Pass	
					4.4	0.601	0.0002	/	Pass	
				-30	4.0	4.549	0.0012	/	Pass	
					-20	4.0	-2.403	-0.0006	/	Pass
						4.0	2.875	0.0008	/	Pass
				0	4.0	1.345	0.0004	/	Pass	
					4.0	3.719	0.0010	/	Pass	
30				4.0	-0.186	0.0000	/	Pass		
40				4.0	0.801	0.0002	/	Pass		
50	4.0	2.475	0.0007	/	Pass					
16QAM	3702.5	25	0	20	3.55	4.635	0.0013	/	Pass	
					4.0	-0.315	-0.0001	/	Pass	
					4.4	-0.029	0.0000	/	Pass	
				-30	4.0	-1.345	-0.0004	/	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 11 of 387

64QAM	3750	25	0	-20	4.0	5.507	0.0015	/	Pass		
				-10	4.0	2.103	0.0006	/	Pass		
				0	4.0	5.679	0.0015	/	Pass		
				10	4.0	-0.300	-0.0001	/	Pass		
				30	4.0	2.317	0.0006	/	Pass		
				40	4.0	3.734	0.0010	/	Pass		
				50	4.0	3.605	0.0010	/	Pass		
	3750	25	0	20	3.55	5.250	0.0014	/	Pass		
					4.0	6.294	0.0017	/	Pass		
					4.4	5.736	0.0015	/	Pass		
				-30	4.0	4.635	0.0012	/	Pass		
				-20	4.0	3.262	0.0009	/	Pass		
				-10	4.0	2.217	0.0006	/	Pass		
				0	4.0	7.110	0.0019	/	Pass		
				10	4.0	6.194	0.0017	/	Pass		
				30	4.0	4.163	0.0011	/	Pass		
				40	4.0	1.502	0.0004	/	Pass		
				50	4.0	1.388	0.0004	/	Pass		
	3797.5	25	0	20	3.55	3.233	0.0009	/	Pass		
					4.0	1.516	0.0004	/	Pass		
					4.4	5.207	0.0014	/	Pass		
				-30	4.0	-0.200	-0.0001	/	Pass		
				-20	4.0	4.978	0.0013	/	Pass		
				-10	4.0	5.507	0.0015	/	Pass		
				0	4.0	0.916	0.0002	/	Pass		
				10	4.0	6.223	0.0016	/	Pass		
				30	4.0	0.443	0.0001	/	Pass		
				40	4.0	0.157	0.0000	/	Pass		
50				4.0	4.892	0.0013	/	Pass			
3702.5	25	0	20	3.55	3.247	0.0009	/	Pass			
				4.0	-1.602	-0.0004	/	Pass			
				4.4	3.848	0.0010	/	Pass			
			-30	4.0	3.819	0.0010	/	Pass			
			-20	4.0	-1.273	-0.0003	/	Pass			
			-10	4.0	-0.057	0.0000	/	Pass			
			0	4.0	3.662	0.0010	/	Pass			
			10	4.0	5.221	0.0014	/	Pass			
			30	4.0	0.143	0.0000	/	Pass			
			40	4.0	5.679	0.0015	/	Pass			
			50	4.0	3.476	0.0009	/	Pass			
			3750	25	0	20	3.55	8.326	0.0022	/	Pass
							4.0	6.752	0.0018	/	Pass
							4.4	2.489	0.0007	/	Pass
-30	4.0	2.074				0.0006	/	Pass			
-20	4.0	2.632				0.0007	/	Pass			
-10	4.0	6.509				0.0017	/	Pass			
0	4.0	8.783				0.0023	/	Pass			
10	4.0	3.347	0.0009	/	Pass						



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Report No.: SZCR240100038408

Rev.: 01

Page: 12 of 387

				30	4.0	6.237	0.0017	/	Pass			
				40	4.0	6.323	0.0017	/	Pass			
				50	4.0	6.351	0.0017	/	Pass			
				3797.5	25	0	20	3.55	4.749	0.0013	/	Pass
								4.0	4.692	0.0012	/	Pass
								4.4	-0.873	-0.0002	/	Pass
				-30	4.0	-1.216	-0.0003	/	Pass			
				-20	4.0	2.747	0.0007	/	Pass			
				-10	4.0	3.161	0.0008	/	Pass			
				0	4.0	0.000	0.0000	/	Pass			
				10	4.0	4.950	0.0013	/	Pass			
				30	4.0	2.275	0.0006	/	Pass			
40	4.0	0.029	0.0000	/	Pass							
50	4.0	4.506	0.0012	/	Pass							
256QAM	3702.5	25	0	20	3.55	1.760	0.0005	/	Pass			
					4.0	6.623	0.0018	/	Pass			
					4.4	5.536	0.0015	/	Pass			
				-30	4.0	2.933	0.0008	/	Pass			
				-20	4.0	2.017	0.0005	/	Pass			
				-10	4.0	-0.014	0.0000	/	Pass			
				0	4.0	5.121	0.0014	/	Pass			
				10	4.0	2.146	0.0006	/	Pass			
				30	4.0	1.602	0.0004	/	Pass			
				40	4.0	2.131	0.0006	/	Pass			
				50	4.0	3.576	0.0010	/	Pass			
				3750	25	0	20	3.55	4.878	0.0013	/	Pass
	4.0	4.177	0.0011					/	Pass			
	4.4	3.862	0.0010					/	Pass			
	-30	4.0	4.334				0.0012	/	Pass			
	-20	4.0	-0.443				-0.0001	/	Pass			
	-10	4.0	0.401				0.0001	/	Pass			
	0	4.0	6.094				0.0016	/	Pass			
	10	4.0	4.449				0.0012	/	Pass			
	30	4.0	4.535				0.0012	/	Pass			
	40	4.0	6.495				0.0017	/	Pass			
	50	4.0	0.544				0.0001	/	Pass			
	3797.5	25	0				20	3.55	7.353	0.0019	/	Pass
				4.0	3.562	0.0009		/	Pass			
4.4				5.879	0.0015	/		Pass				
-30				4.0	3.133	0.0008	/	Pass				
-20				4.0	7.839	0.0021	/	Pass				
-10				4.0	7.024	0.0018	/	Pass				
0				4.0	6.151	0.0016	/	Pass				
10				4.0	4.721	0.0012	/	Pass				
30				4.0	3.691	0.0010	/	Pass				
40				4.0	6.123	0.0016	/	Pass				
50				4.0	5.507	0.0015	/	Pass				



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Report No.: SZCR240100038408

Rev.: 01

Page: 13 of 387

2.2 B43d_10MHz

2.2.1 Test Result

Band: 43d / Bandwidth: 10MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3705	50	0	20	3.55	6.108	0.0016	/	Pass	
					4.0	0.472	0.0001	/	Pass	
					4.4	5.879	0.0016	/	Pass	
				-30	4.0	4.077	0.0011	/	Pass	
					-20	4.0	5.322	0.0014	/	Pass
					-10	4.0	0.300	0.0001	/	Pass
				0	4.0	5.779	0.0016	/	Pass	
					10	4.0	3.920	0.0011	/	Pass
					30	4.0	5.565	0.0015	/	Pass
					40	4.0	0.358	0.0001	/	Pass
	50	4.0	3.290		0.0009	/	Pass			
	3750	50	0		20	3.55	4.478	0.0012	/	Pass
						4.0	0.229	0.0001	/	Pass
				4.4		-0.529	-0.0001	/	Pass	
				-30	4.0	5.407	0.0014	/	Pass	
					-20	4.0	1.059	0.0003	/	Pass
					-10	4.0	-0.329	-0.0001	/	Pass
				0	4.0	4.320	0.0012	/	Pass	
					10	4.0	1.717	0.0005	/	Pass
					30	4.0	5.136	0.0014	/	Pass
					40	4.0	4.892	0.0013	/	Pass
	50	4.0	1.903	0.0005	/	Pass				
		20	3.55	6.566	0.0017	/	Pass			
			4.0	0.701	0.0002	/	Pass			
			4.4	0.157	0.0000	/	Pass			
		-30	4.0	-0.572	-0.0002	/	Pass			
			-20	4.0	5.064	0.0013	/	Pass		
			-10	4.0	4.277	0.0011	/	Pass		
	0	4.0	4.692	0.0012	/	Pass				
		10	4.0	3.262	0.0009	/	Pass			
30		4.0	-0.229	-0.0001	/	Pass				
40		4.0	3.047	0.0008	/	Pass				
50		4.0	4.492	0.0012	/	Pass				
16QAM		3705	50	0	20	3.55	5.550	0.0015	/	Pass
						4.0	1.502	0.0004	/	Pass
	4.4					1.159	0.0003	/	Pass	
	-30				4.0	1.173	0.0003	/	Pass	
					-20	4.0	1.602	0.0004	/	Pass
					-10	4.0	4.835	0.0013	/	Pass
	0				4.0	3.176	0.0009	/	Pass	



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Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 14 of 387

64QAM	3750	50	0	10	4.0	3.648	0.0010	/	Pass
				30	4.0	1.144	0.0003	/	Pass
				40	4.0	0.057	0.0000	/	Pass
				50	4.0	3.448	0.0009	/	Pass
				20	3.55	-0.901	-0.0002	/	Pass
					4.0	-0.186	0.0000	/	Pass
					4.4	0.086	0.0000	/	Pass
				-30	4.0	5.121	0.0014	/	Pass
				-20	4.0	4.177	0.0011	/	Pass
				-10	4.0	0.672	0.0002	/	Pass
	0	4.0	0.215	0.0001	/	Pass			
	3795	50	0	20	3.55	6.166	0.0016	/	Pass
					4.0	1.488	0.0004	/	Pass
					4.4	5.264	0.0014	/	Pass
				-30	4.0	0.815	0.0002	/	Pass
				-20	4.0	1.473	0.0004	/	Pass
				-10	4.0	7.024	0.0019	/	Pass
	3705	50	0	20	3.55	3.977	0.0011	/	Pass
					4.0	4.163	0.0011	/	Pass
					4.4	0.272	0.0001	/	Pass
-30				4.0	-0.429	-0.0001	/	Pass	
-20				4.0	3.419	0.0009	/	Pass	
-10				4.0	4.005	0.0011	/	Pass	
0				4.0	4.621	0.0012	/	Pass	
10				4.0	4.191	0.0011	/	Pass	
30				4.0	4.792	0.0013	/	Pass	
40				4.0	1.531	0.0004	/	Pass	
3750	50	0	20	3.55	2.089	0.0006	/	Pass	
				4.0	5.121	0.0014	/	Pass	
				4.4	0.257	0.0001	/	Pass	
			-30	4.0	5.336	0.0014	/	Pass	
			-20	4.0	0.858	0.0002	/	Pass	
			-10	4.0	5.121	0.0014	/	Pass	
			0	4.0	0.372	0.0001	/	Pass	
			10	4.0	5.507	0.0015	/	Pass	
			30	4.0	4.134	0.0011	/	Pass	
			40	4.0	1.788	0.0005	/	Pass	
50	4.0	-0.601	-0.0002	/	Pass				



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Report No.: SZCR240100038408

Rev.: 01

Page: 15 of 387

3795	50	0	20	3.55	0.873	0.0002	/	Pass					
				4.0	1.030	0.0003	/	Pass					
				4.4	5.751	0.0015	/	Pass					
			-30	4.0	0.687	0.0002	/	Pass					
				-20	4.0	3.433	0.0009	/	Pass				
				-10	4.0	6.080	0.0016	/	Pass				
			0	4.0	3.963	0.0010	/	Pass					
				10	4.0	6.795	0.0018	/	Pass				
				30	4.0	4.306	0.0011	/	Pass				
				40	4.0	-0.157	0.0000	/	Pass				
				50	4.0	1.416	0.0004	/	Pass				
				3705	50	0	20	3.55	2.346	0.0006	/	Pass	
								4.0	1.574	0.0004	/	Pass	
4.4	2.975	0.0008	/					Pass					
-30	4.0	7.081	0.0019				/	Pass					
	-20	4.0	4.063				0.0011	/	Pass				
	-10	4.0	1.302				0.0004	/	Pass				
0	4.0	1.359	0.0004				/	Pass					
	10	4.0	1.988				0.0005	/	Pass				
	30	4.0	-0.014				0.0000	/	Pass				
	40	4.0	-0.472				-0.0001	/	Pass				
	50	4.0	0.858				0.0002	/	Pass				
	256QAM	3750	50				0	20	3.55	4.849	0.0013	/	Pass
									4.0	1.101	0.0003	/	Pass
4.4				1.917	0.0005	/			Pass				
-30				4.0	0.858	0.0002		/	Pass				
				-20	4.0	0.086		0.0000	/	Pass			
				-10	4.0	2.875		0.0008	/	Pass			
0				4.0	1.774	0.0005		/	Pass				
				10	4.0	4.706		0.0013	/	Pass			
				30	4.0	1.860		0.0005	/	Pass			
				40	4.0	1.645		0.0004	/	Pass			
				50	4.0	5.937		0.0016	/	Pass			
				3795	50	0		20	3.55	4.363	0.0011	/	Pass
									4.0	0.529	0.0001	/	Pass
4.4	1.802	0.0005	/				Pass						
-30	4.0	3.991	0.0011				/	Pass					
	-20	4.0	5.736				0.0015	/	Pass				
	-10	4.0	3.004				0.0008	/	Pass				
0	4.0	1.359	0.0004				/	Pass					
	10	4.0	1.588				0.0004	/	Pass				
	30	4.0	5.808				0.0015	/	Pass				
	40	4.0	3.548				0.0009	/	Pass				
	50	4.0	0.973				0.0003	/	Pass				

2.3 B43d_15MHz



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Report No.: SZCR240100038408

Rev.: 01

Page: 16 of 387

2.3.1 Test Result

Band: 43d / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3707.5	75	0	20	3.55	2.890	0.0008	/	Pass	
					4.0	0.629	0.0002	/	Pass	
					4.4	0.558	0.0002	/	Pass	
				-30	4.0	2.246	0.0006	/	Pass	
					-20	4.0	2.518	0.0007	/	Pass
						4.0	0.701	0.0002	/	Pass
				0	4.0	0.401	0.0001	/	Pass	
					10	4.0	1.488	0.0004	/	Pass
				30	4.0	1.302	0.0004	/	Pass	
				40	4.0	3.104	0.0008	/	Pass	
	50	4.0	-1.588	-0.0004	/	Pass				
	3750	75	0	20	3.55	0.658	0.0002	/	Pass	
					4.0	3.977	0.0011	/	Pass	
					4.4	-0.715	-0.0002	/	Pass	
				-30	4.0	3.748	0.0010	/	Pass	
					-20	4.0	-0.472	-0.0001	/	Pass
						4.0	3.576	0.0010	/	Pass
				0	4.0	-0.401	-0.0001	/	Pass	
					10	4.0	-0.343	-0.0001	/	Pass
				30	4.0	-1.359	-0.0004	/	Pass	
				40	4.0	-0.200	-0.0001	/	Pass	
	50	4.0	5.851	0.0016	/	Pass				
	3792.5	75	0	20	3.55	0.200	0.0001	/	Pass	
					4.0	2.847	0.0008	/	Pass	
					4.4	-0.029	0.0000	/	Pass	
				-30	4.0	-0.043	0.0000	/	Pass	
					-20	4.0	-0.501	-0.0001	/	Pass
						4.0	4.835	0.0013	/	Pass
				0	4.0	0.215	0.0001	/	Pass	
					10	4.0	3.533	0.0009	/	Pass
30				4.0	5.965	0.0016	/	Pass		
40				4.0	0.315	0.0001	/	Pass		
50	4.0	5.207	0.0014	/	Pass					
16QAM	3707.5	75	0	20	3.55	2.890	0.0008	/	Pass	
					4.0	2.861	0.0008	/	Pass	
					4.4	-0.057	0.0000	/	Pass	
				-30	4.0	0.715	0.0002	/	Pass	
					-20	4.0	4.249	0.0011	/	Pass
						4.0	6.623	0.0018	/	Pass
				0	4.0	-1.016	-0.0003	/	Pass	
					10	4.0	-0.272	-0.0001	/	Pass
				30	4.0	4.935	0.0013	/	Pass	
40	4.0	6.680	0.0018	/	Pass					



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Report No.: SZCR240100038408

Rev.: 01

Page: 17 of 387

	3750	75	0	50	4.0	5.622	0.0015	/	Pass
				20	3.55	1.788	0.0005	/	Pass
					4.0	0.157	0.0000	/	Pass
					4.4	4.363	0.0012	/	Pass
				-30	4.0	0.772	0.0002	/	Pass
				-20	4.0	0.172	0.0000	/	Pass
				-10	4.0	1.473	0.0004	/	Pass
				0	4.0	5.093	0.0014	/	Pass
				10	4.0	-0.286	-0.0001	/	Pass
				30	4.0	3.304	0.0009	/	Pass
	40	4.0	0.544	0.0001	/	Pass			
	50	4.0	1.144	0.0003	/	Pass			
	3792.5	75	0	20	3.55	3.734	0.0010	/	Pass
					4.0	3.304	0.0009	/	Pass
					4.4	-1.173	-0.0003	/	Pass
				-30	4.0	-0.429	-0.0001	/	Pass
				-20	4.0	3.605	0.0010	/	Pass
				-10	4.0	3.505	0.0009	/	Pass
				0	4.0	3.591	0.0009	/	Pass
				10	4.0	2.947	0.0008	/	Pass
30				4.0	-1.459	-0.0004	/	Pass	
40				4.0	-2.046	-0.0005	/	Pass	
50	4.0	5.293	0.0014	/	Pass				
64QAM	3707.5	75	0	20	3.55	0.000	0.0000	/	Pass
					4.0	-0.958	-0.0003	/	Pass
					4.4	2.832	0.0008	/	Pass
				-30	4.0	4.063	0.0011	/	Pass
				-20	4.0	-0.644	-0.0002	/	Pass
				-10	4.0	5.078	0.0014	/	Pass
				0	4.0	1.602	0.0004	/	Pass
				10	4.0	2.189	0.0006	/	Pass
				30	4.0	3.505	0.0009	/	Pass
				40	4.0	-1.860	-0.0005	/	Pass
	50	4.0	0.744	0.0002	/	Pass			
	3750	75	0	20	3.55	0.172	0.0000	/	Pass
					4.0	6.323	0.0017	/	Pass
					4.4	3.505	0.0009	/	Pass
				-30	4.0	0.257	0.0001	/	Pass
				-20	4.0	5.651	0.0015	/	Pass
				-10	4.0	3.805	0.0010	/	Pass
				0	4.0	4.520	0.0012	/	Pass
				10	4.0	-0.014	0.0000	/	Pass
				30	4.0	4.506	0.0012	/	Pass
40				4.0	-0.629	-0.0002	/	Pass	
50	4.0	0.186	0.0000	/	Pass				
3792.5	75	0	20	3.55	4.663	0.0012	/	Pass	
				4.0	-0.029	0.0000	/	Pass	
				4.4	2.260	0.0006	/	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 18 of 387

				-30	4.0	0.072	0.0000	/	Pass	
				-20	4.0	2.546	0.0007	/	Pass	
				-10	4.0	4.392	0.0012	/	Pass	
				0	4.0	-0.744	-0.0002	/	Pass	
				10	4.0	3.748	0.0010	/	Pass	
				30	4.0	3.791	0.0010	/	Pass	
				40	4.0	-0.944	-0.0002	/	Pass	
				50	4.0	1.945	0.0005	/	Pass	
256QAM	3707.5	75	0	20	3.55	2.532	0.0007	/	Pass	
					4.0	4.020	0.0011	/	Pass	
					4.4	5.236	0.0014	/	Pass	
				-30	4.0	0.486	0.0001	/	Pass	
					-20	4.0	4.992	0.0013	/	Pass
						4.0	4.878	0.0013	/	Pass
				0	4.0	0.701	0.0002	/	Pass	
					10	4.0	0.172	0.0000	/	Pass
				30	4.0	5.565	0.0015	/	Pass	
					40	4.0	1.702	0.0005	/	Pass
				50	4.0	6.967	0.0019	/	Pass	
				3750	75	0	20	3.55	5.035	0.0013
	4.0	0.687	0.0002					/	Pass	
	4.4	7.482	0.0020					/	Pass	
	-30	4.0	2.632				0.0007	/	Pass	
		-20	4.0				6.380	0.0017	/	Pass
			4.0				4.134	0.0011	/	Pass
	0	4.0	4.292				0.0011	/	Pass	
		10	4.0				-0.486	-0.0001	/	Pass
	30	4.0	2.317				0.0006	/	Pass	
		40	4.0				5.064	0.0014	/	Pass
	50	4.0	4.563				0.0012	/	Pass	
	3792.5	75	0				20	3.55	4.177	0.0011
				4.0	4.091	0.0011		/	Pass	
4.4				4.191	0.0011	/		Pass		
-30				4.0	3.762	0.0010	/	Pass		
				-20	4.0	-0.758	-0.0002	/	Pass	
					4.0	3.920	0.0010	/	Pass	
0				4.0	5.250	0.0014	/	Pass		
				10	4.0	4.950	0.0013	/	Pass	
30				4.0	3.390	0.0009	/	Pass		
				40	4.0	4.106	0.0011	/	Pass	
50				4.0	3.834	0.0010	/	Pass		

2.4 B43d_20MHz

2.4.1 Test Result



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Report No.: SZCR240100038408

Rev.: 01

Page: 19 of 387

Band: 43d / Bandwidth: 20MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	3710	100	0	20	3.55	4.964	0.0013	/	Pass	
					4.0	-1.431	-0.0004	/	Pass	
					4.4	0.014	0.0000	/	Pass	
				-30	4.0	7.024	0.0019	/	Pass	
					-20	4.0	5.894	0.0016	/	Pass
						4.0	4.377	0.0012	/	Pass
				0	4.0	1.287	0.0003	/	Pass	
					10	4.0	-0.272	-0.0001	/	Pass
				30	4.0	3.333	0.0009	/	Pass	
				40	4.0	5.193	0.0014	/	Pass	
	50	4.0	0.343	0.0001	/	Pass				
	3750	100	0	20	3.55	4.663	0.0012	/	Pass	
					4.0	4.835	0.0013	/	Pass	
					4.4	-1.059	-0.0003	/	Pass	
				-30	4.0	6.824	0.0018	/	Pass	
					-20	4.0	6.037	0.0016	/	Pass
						4.0	1.473	0.0004	/	Pass
				0	4.0	5.093	0.0014	/	Pass	
					10	4.0	0.329	0.0001	/	Pass
				30	4.0	3.819	0.0010	/	Pass	
				40	4.0	0.830	0.0002	/	Pass	
	50	4.0	-0.243	-0.0001	/	Pass				
	3790	100	0	20	3.55	2.418	0.0006	/	Pass	
					4.0	0.873	0.0002	/	Pass	
					4.4	-0.200	-0.0001	/	Pass	
				-30	4.0	5.035	0.0013	/	Pass	
					-20	4.0	3.862	0.0010	/	Pass
						4.0	0.114	0.0000	/	Pass
				0	4.0	-0.072	0.0000	/	Pass	
					10	4.0	1.702	0.0004	/	Pass
30				4.0	0.715	0.0002	/	Pass		
40				4.0	-0.772	-0.0002	/	Pass		
50	4.0	2.732	0.0007	/	Pass					
16QAM	3710	100	0	20	3.55	0.958	0.0003	/	Pass	
					4.0	4.864	0.0013	/	Pass	
					4.4	-0.415	-0.0001	/	Pass	
				-30	4.0	4.034	0.0011	/	Pass	
					-20	4.0	4.449	0.0012	/	Pass
						4.0	-0.515	-0.0001	/	Pass
				0	4.0	6.523	0.0018	/	Pass	
					10	4.0	0.730	0.0002	/	Pass
				30	4.0	4.663	0.0013	/	Pass	
				40	4.0	5.221	0.0014	/	Pass	
	50	4.0	0.072	0.0000	/	Pass				
	3750	100	0	20	3.55	4.292	0.0011	/	Pass	



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Shenzhen Branch

Report No.: SZCR240100038408

Rev.: 01

Page: 20 of 387

64QAM	3790	100	0		4.0	0.987	0.0003	/	Pass	
					4.4	0.215	0.0001	/	Pass	
				-30	4.0	0.858	0.0002	/	Pass	
				-20	4.0	-0.200	-0.0001	/	Pass	
				-10	4.0	2.646	0.0007	/	Pass	
				0	4.0	0.172	0.0000	/	Pass	
				10	4.0	0.172	0.0000	/	Pass	
				30	4.0	2.947	0.0008	/	Pass	
				40	4.0	0.486	0.0001	/	Pass	
	50	4.0	-0.200	-0.0001	/	Pass				
	3790	100	0	20		3.55	3.505	0.0009	/	Pass
						4.0	-0.916	-0.0002	/	Pass
						4.4	5.407	0.0014	/	Pass
					-30	4.0	4.878	0.0013	/	Pass
					-20	4.0	0.372	0.0001	/	Pass
					-10	4.0	0.086	0.0000	/	Pass
					0	4.0	3.662	0.0010	/	Pass
					10	4.0	1.845	0.0005	/	Pass
					30	4.0	-0.372	-0.0001	/	Pass
40	4.0	-0.386	-0.0001	/	Pass					
50	4.0	3.347	0.0009	/	Pass					
3710	100	0	20		3.55	0.086	0.0000	/	Pass	
					4.0	1.073	0.0003	/	Pass	
					4.4	-0.329	-0.0001	/	Pass	
				-30	4.0	3.862	0.0010	/	Pass	
				-20	4.0	4.578	0.0012	/	Pass	
				-10	4.0	2.832	0.0008	/	Pass	
				0	4.0	0.000	0.0000	/	Pass	
				10	4.0	5.078	0.0014	/	Pass	
				30	4.0	3.934	0.0011	/	Pass	
	40	4.0	-0.772	-0.0002	/	Pass				
	50	4.0	0.758	0.0002	/	Pass				
	3750	100	0	20		3.55	5.136	0.0014	/	Pass
						4.0	4.392	0.0012	/	Pass
						4.4	5.550	0.0015	/	Pass
					-30	4.0	-0.615	-0.0002	/	Pass
					-20	4.0	4.034	0.0011	/	Pass
					-10	4.0	0.372	0.0001	/	Pass
					0	4.0	6.094	0.0016	/	Pass
					10	4.0	7.124	0.0019	/	Pass
30					4.0	5.636	0.0015	/	Pass	
40	4.0	1.144	0.0003	/	Pass					
50	4.0	0.644	0.0002	/	Pass					
3790	100	0	20		3.55	-0.415	-0.0001	/	Pass	
					4.0	-0.358	-0.0001	/	Pass	
					4.4	3.276	0.0009	/	Pass	
				-30	4.0	-1.574	-0.0004	/	Pass	
				-20	4.0	4.134	0.0011	/	Pass	



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Report No.: SZCR240100038408

Rev.: 01

Page: 21 of 387

				-10	4.0	0.072	0.0000	/	Pass
				0	4.0	3.119	0.0008	/	Pass
				10	4.0	2.589	0.0007	/	Pass
				30	4.0	4.392	0.0012	/	Pass
				40	4.0	-0.100	0.0000	/	Pass
				50	4.0	4.292	0.0011	/	Pass
256QAM	3710	100	0	20	3.55	-0.143	0.0000	/	Pass
					4.0	0.215	0.0001	/	Pass
					4.4	-0.601	-0.0002	/	Pass
				-30	4.0	0.987	0.0003	/	Pass
				-20	4.0	4.005	0.0011	/	Pass
				-10	4.0	0.343	0.0001	/	Pass
				0	4.0	0.172	0.0000	/	Pass
				10	4.0	4.492	0.0012	/	Pass
				30	4.0	4.935	0.0013	/	Pass
				40	4.0	5.035	0.0014	/	Pass
	50	4.0	4.191	0.0011	/	Pass			
	3750	100	0	20	3.55	2.732	0.0007	/	Pass
					4.0	1.101	0.0003	/	Pass
					4.4	5.250	0.0014	/	Pass
				-30	4.0	5.221	0.0014	/	Pass
				-20	4.0	0.358	0.0001	/	Pass
				-10	4.0	-0.844	-0.0002	/	Pass
				0	4.0	4.034	0.0011	/	Pass
				10	4.0	1.087	0.0003	/	Pass
				30	4.0	4.234	0.0011	/	Pass
40				4.0	0.658	0.0002	/	Pass	
50	4.0	0.672	0.0002	/	Pass				
3790	100	0	20	3.55	6.738	0.0018	/	Pass	
				4.0	2.432	0.0006	/	Pass	
				4.4	3.047	0.0008	/	Pass	
			-30	4.0	0.415	0.0001	/	Pass	
			-20	4.0	1.187	0.0003	/	Pass	
			-10	4.0	4.535	0.0012	/	Pass	
			0	4.0	4.578	0.0012	/	Pass	
			10	4.0	4.549	0.0012	/	Pass	
			30	4.0	-0.272	-0.0001	/	Pass	
			40	4.0	3.619	0.0010	/	Pass	
50	4.0	1.416	0.0004	/	Pass				



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Report No.: SZCR240100038408
Rev.: 01
Page: 22 of 387

3. 99% & 26dB Bandwidth

3.1 Band43d_OBW

3.1.1 Test Result

Band: 43d / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	4.543	/	Pass
		3750	25	0	4.520	/	Pass
		3797.5	25	0	4.539	/	Pass
	16QAM	3702.5	25	0	4.541	/	Pass
		3750	25	0	4.532	/	Pass
		3797.5	25	0	4.510	/	Pass
	64QAM	3702.5	25	0	4.545	/	Pass
		3750	25	0	4.537	/	Pass
		3797.5	25	0	4.552	/	Pass
	256QAM	3702.5	25	0	4.547	/	Pass
		3750	25	0	4.532	/	Pass
		3797.5	25	0	4.543	/	Pass
10	QPSK	3705	50	0	9.060	/	Pass
		3750	50	0	9.057	/	Pass
		3795	50	0	9.032	/	Pass
	16QAM	3705	50	0	8.988	/	Pass
		3750	50	0	9.084	/	Pass
		3795	50	0	9.041	/	Pass
	64QAM	3705	50	0	9.084	/	Pass
		3750	50	0	9.060	/	Pass
		3795	50	0	8.938	/	Pass
	256QAM	3705	50	0	9.074	/	Pass
		3750	50	0	9.065	/	Pass
		3795	50	0	8.997	/	Pass
15	QPSK	3707.5	75	0	13.583	/	Pass
		3750	75	0	13.488	/	Pass
		3792.5	75	0	13.539	/	Pass
	16QAM	3707.5	75	0	13.435	/	Pass
		3750	75	0	13.557	/	Pass
		3792.5	75	0	13.529	/	Pass
	64QAM	3707.5	75	0	13.543	/	Pass
		3750	75	0	13.537	/	Pass
		3792.5	75	0	13.549	/	Pass
	256QAM	3707.5	75	0	13.502	/	Pass
		3750	75	0	13.631	/	Pass
		3792.5	75	0	13.598	/	Pass
20	QPSK	3710	100	0	18.013	/	Pass



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Report No.: SZCR240100038408

Rev.: 01

Page: 23 of 387

	16QAM	3750	100	0	18.073	/	Pass	
		3790	100	0	17.974	/	Pass	
		3710	100	0	17.959	/	Pass	
	64QAM	3750	100	0	17.973	/	Pass	
		3790	100	0	18.067	/	Pass	
		3710	100	0	18.019	/	Pass	
	256QAM	3750	100	0	17.990	/	Pass	
		3790	100	0	18.011	/	Pass	
		3710	100	0	18.061	/	Pass	
			3750	100	0	18.066	/	Pass
			3790	100	0	18.068	/	Pass



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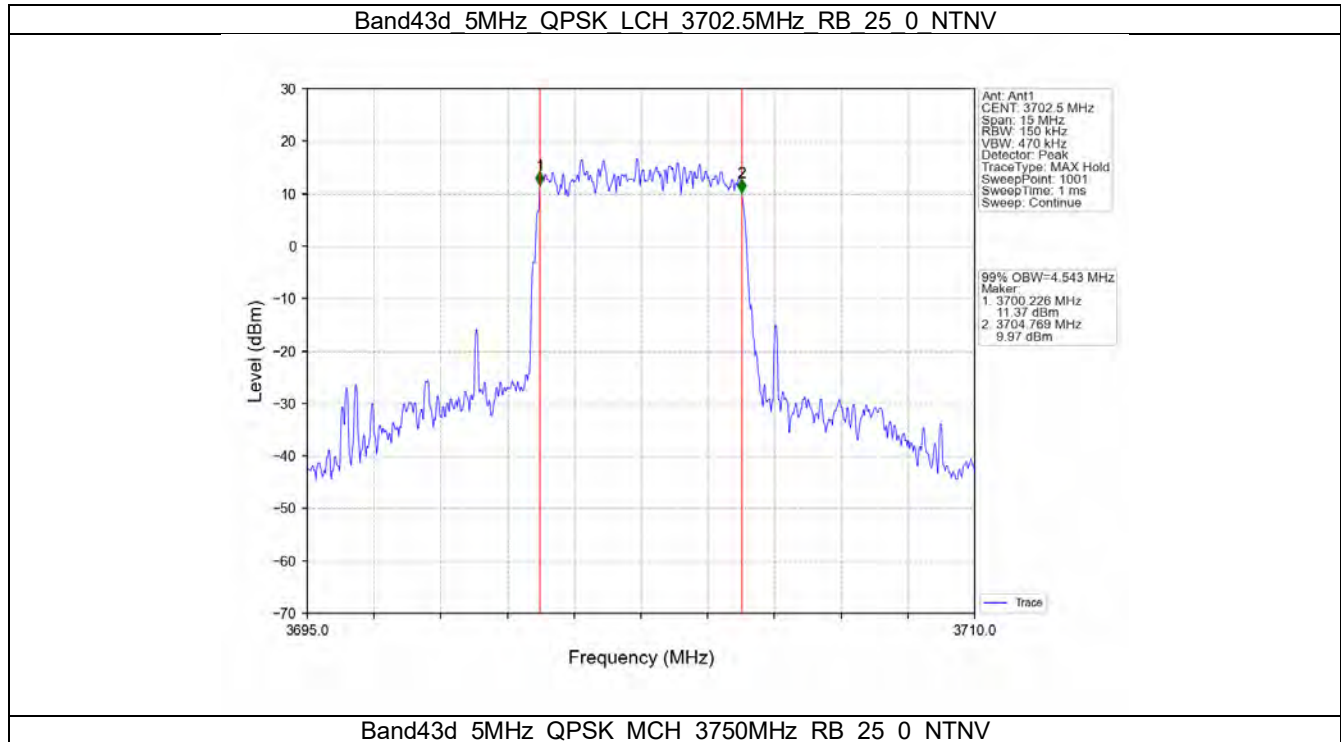
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Rev.: 01

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3.1.2 Test Graph



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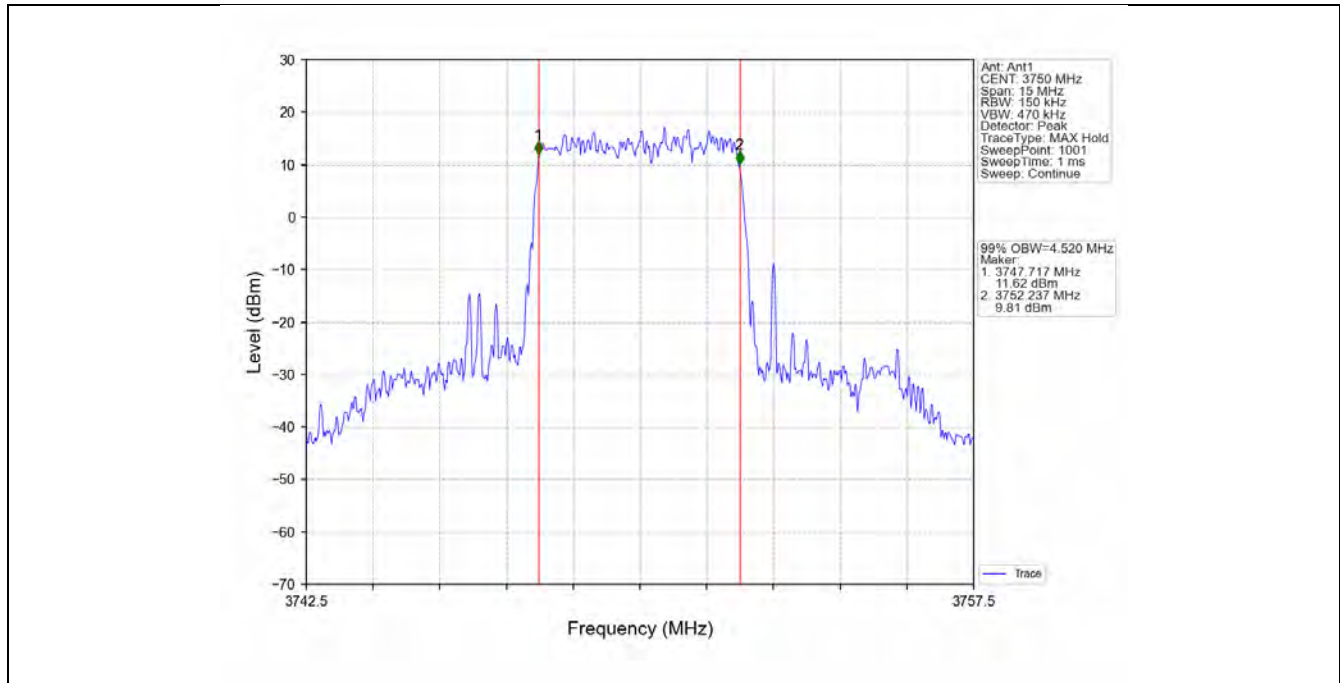


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Rev.: 01

Page: 25 of 387



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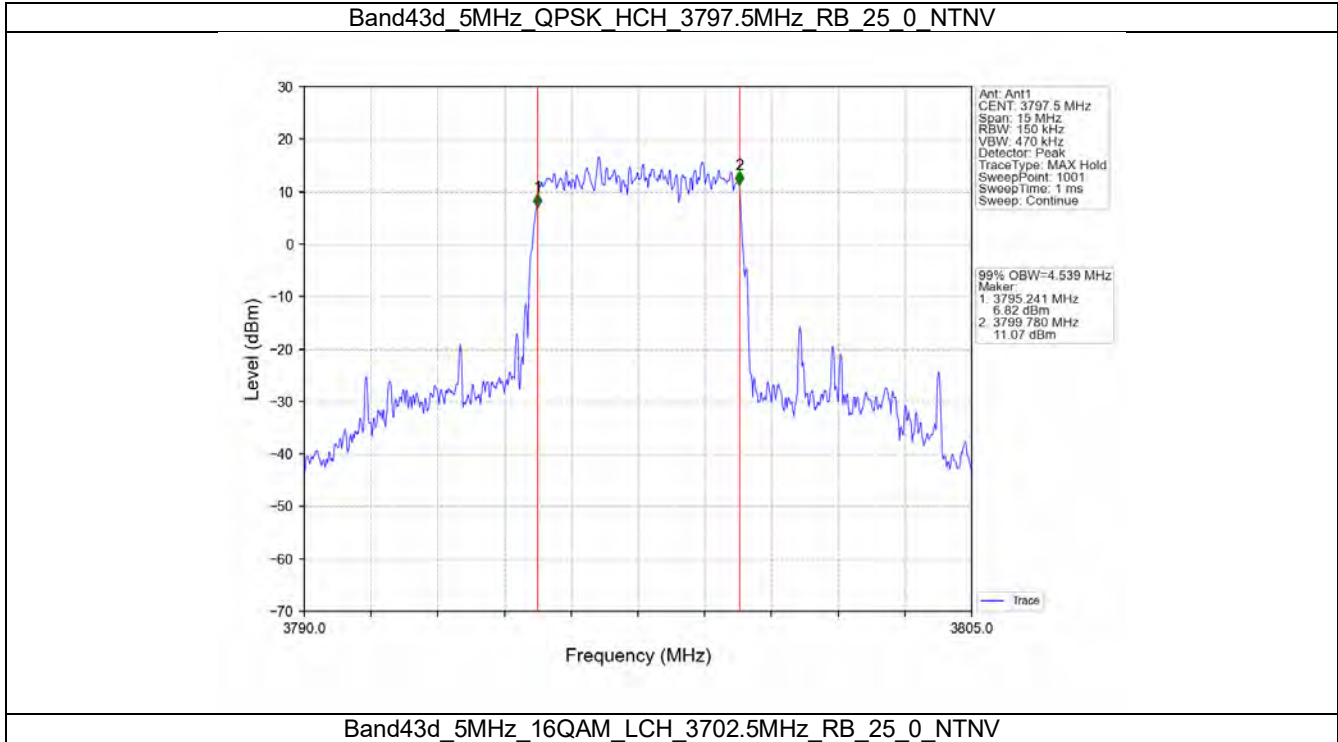


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Report No.: SZCR240100038408

Rev.: 01

Page: 26 of 387



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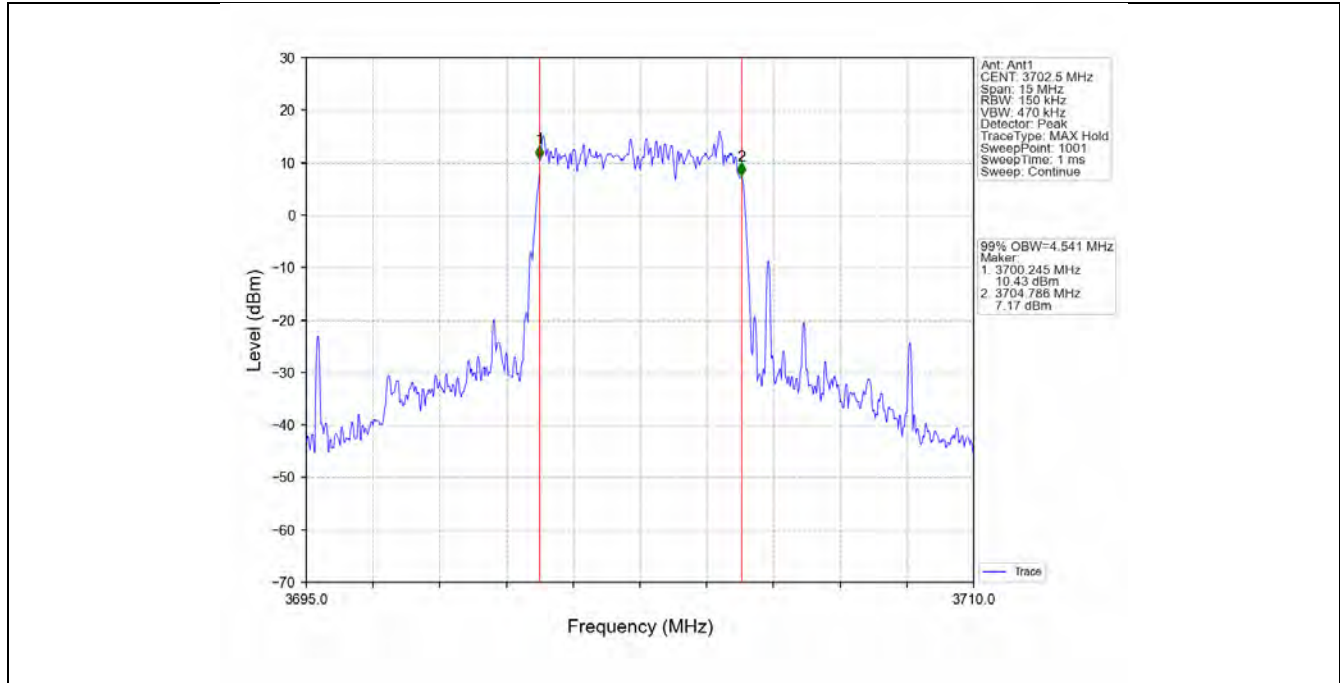


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Report No.: SZCR240100038408

Rev.: 01

Page: 27 of 387



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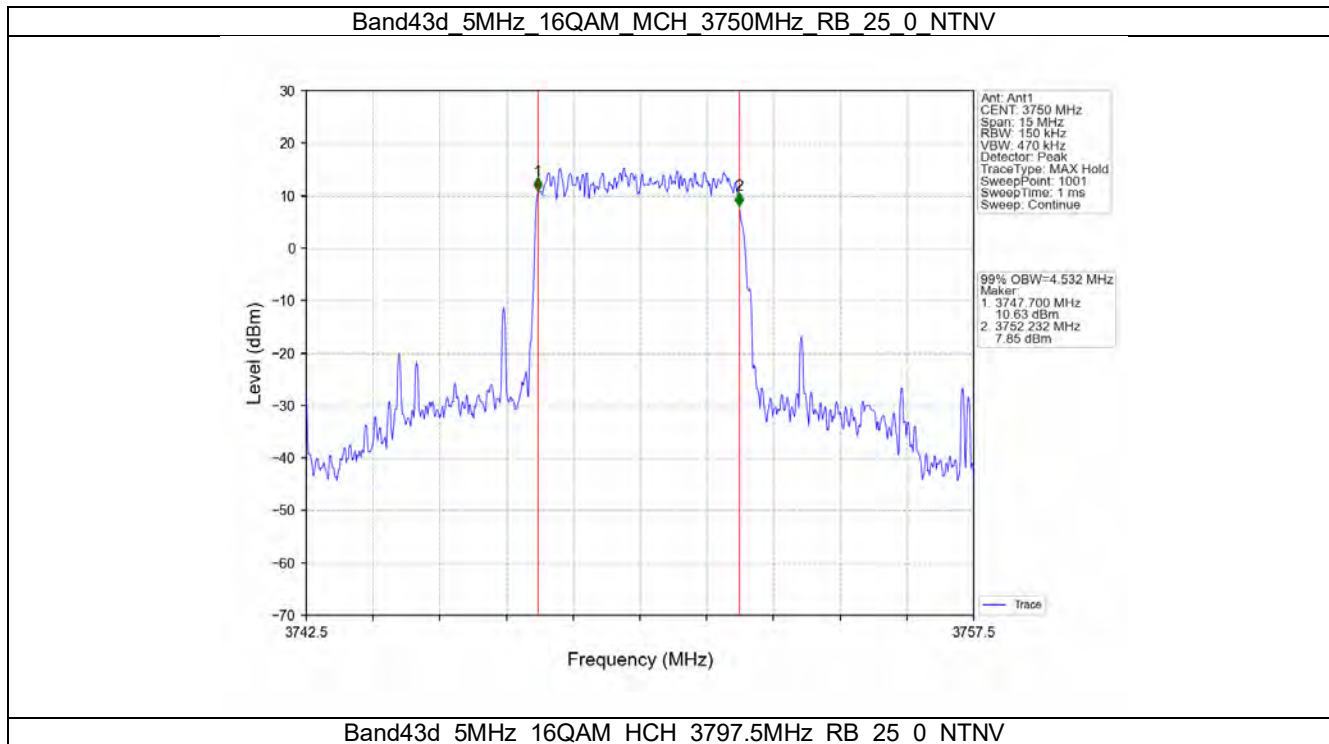
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Report No.: SZCR240100038408
Rev.: 01
Page: 28 of 387



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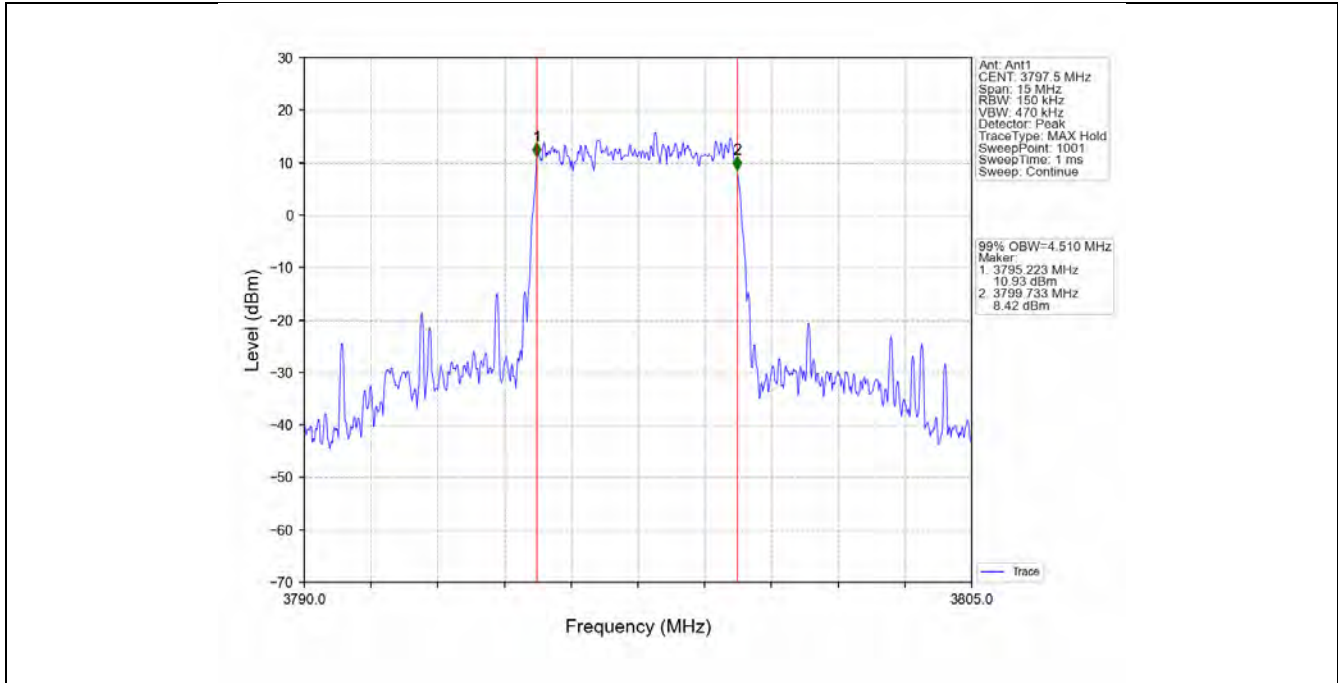


**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408

Rev.: 01

Page: 29 of 387



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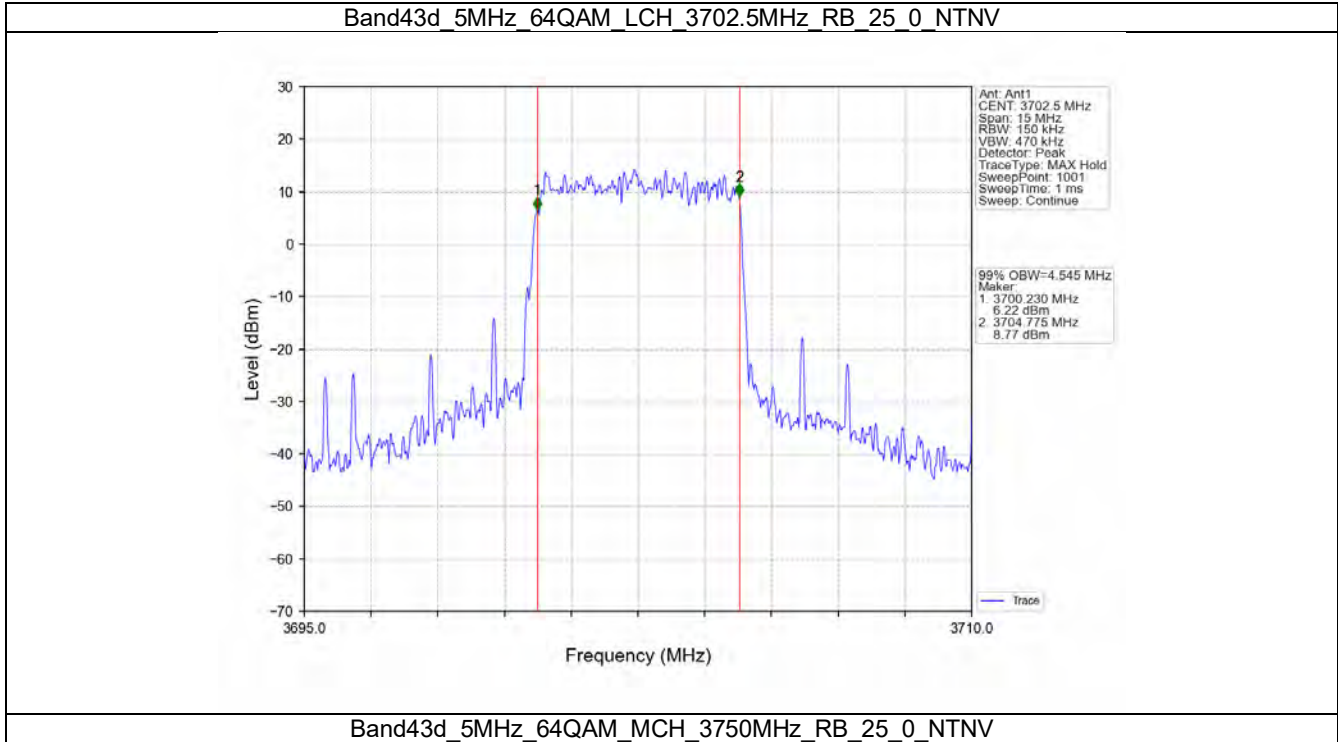


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Report No.: SZCR240100038408

Rev.: 01

Page: 30 of 387



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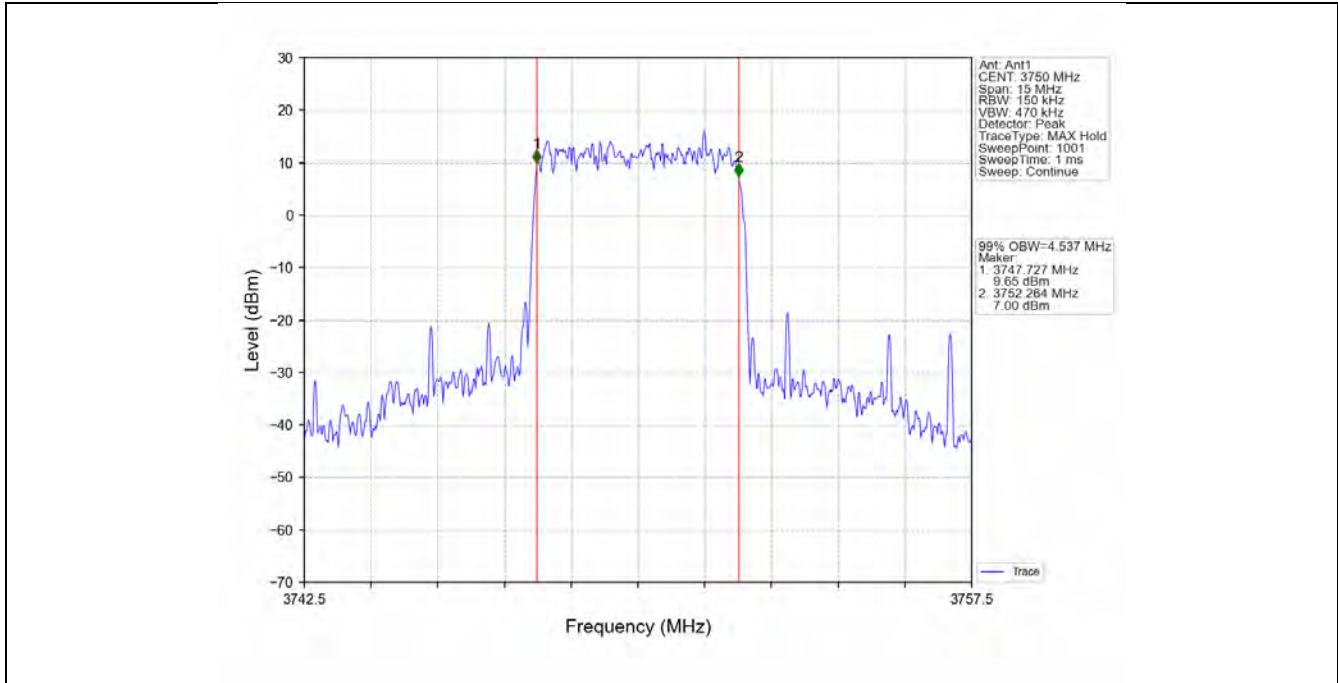


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Report No.: SZCR240100038408

Rev.: 01

Page: 31 of 387



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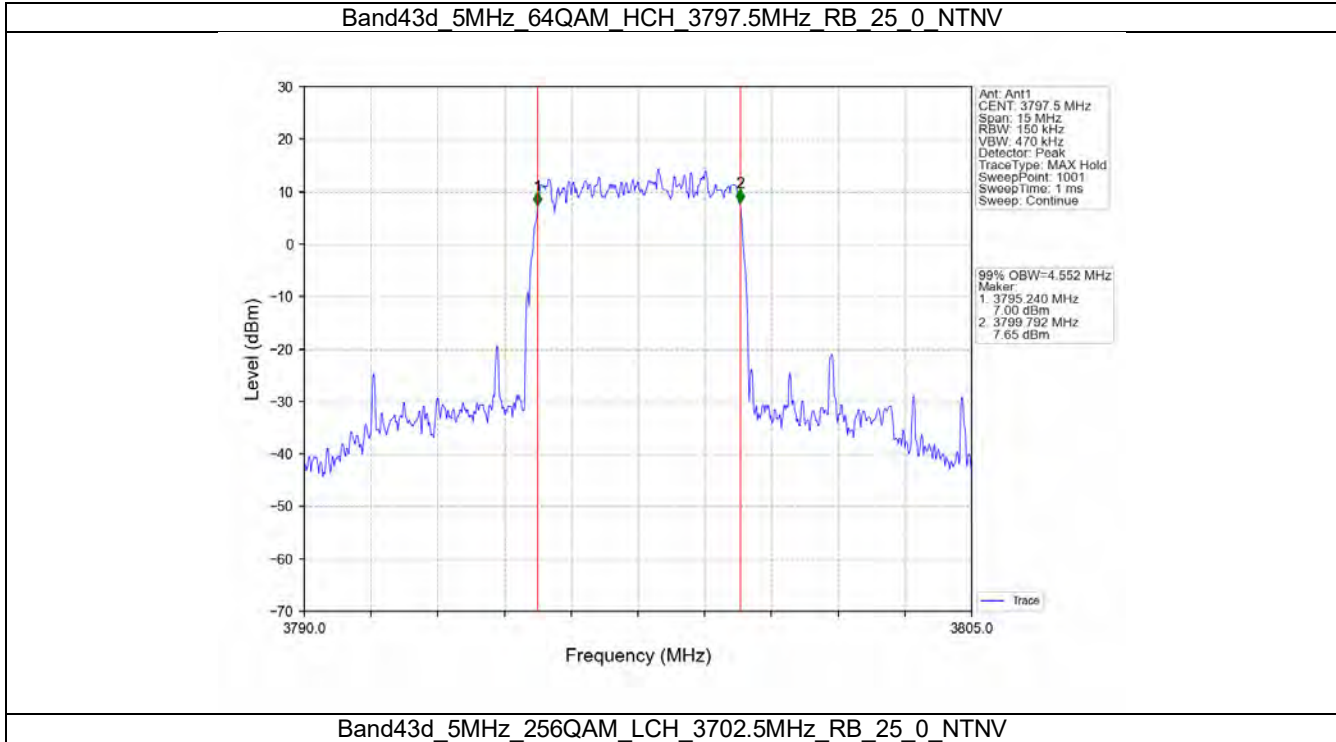


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Report No.: SZCR240100038408

Rev.: 01

Page: 32 of 387



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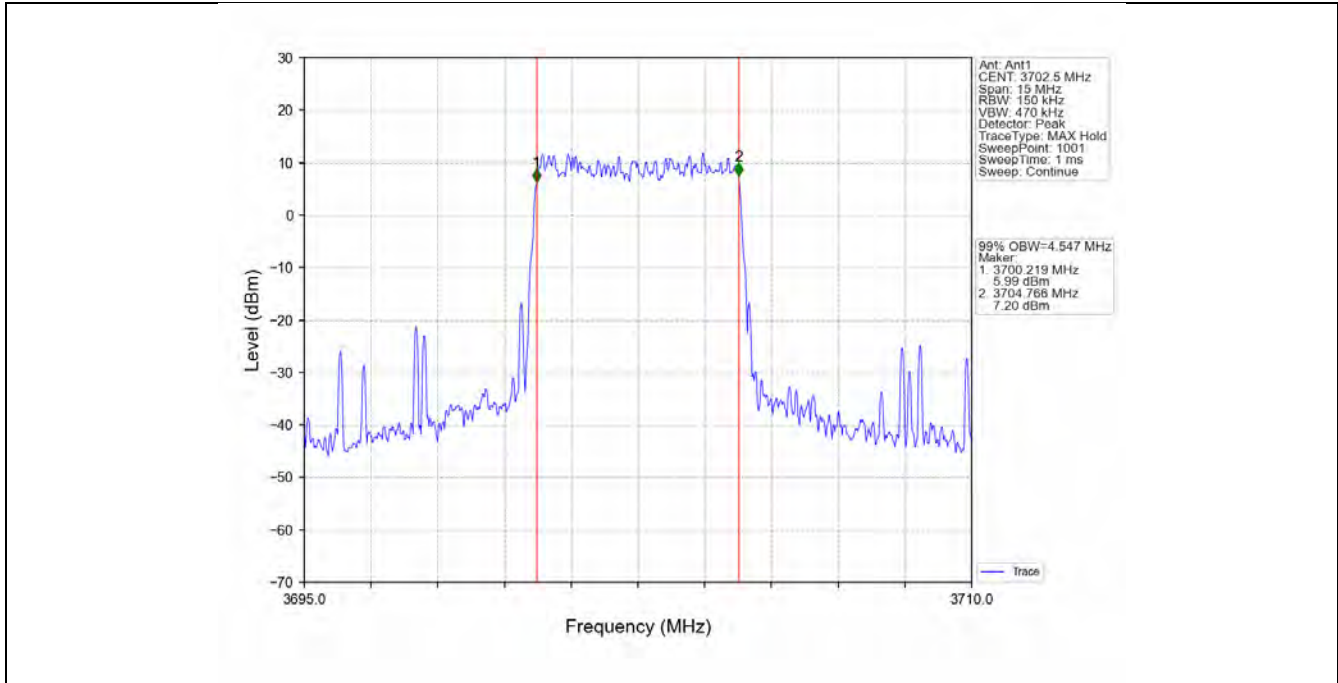


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Page: 33 of 387



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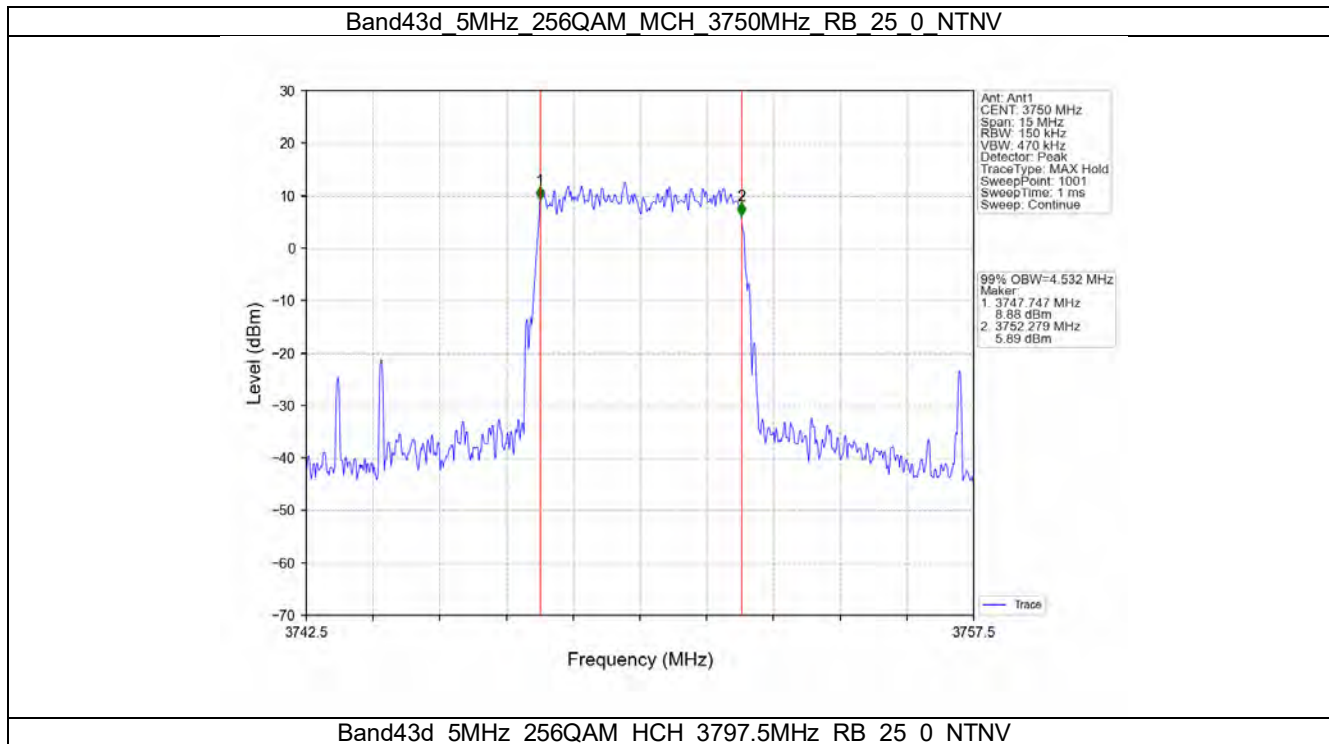
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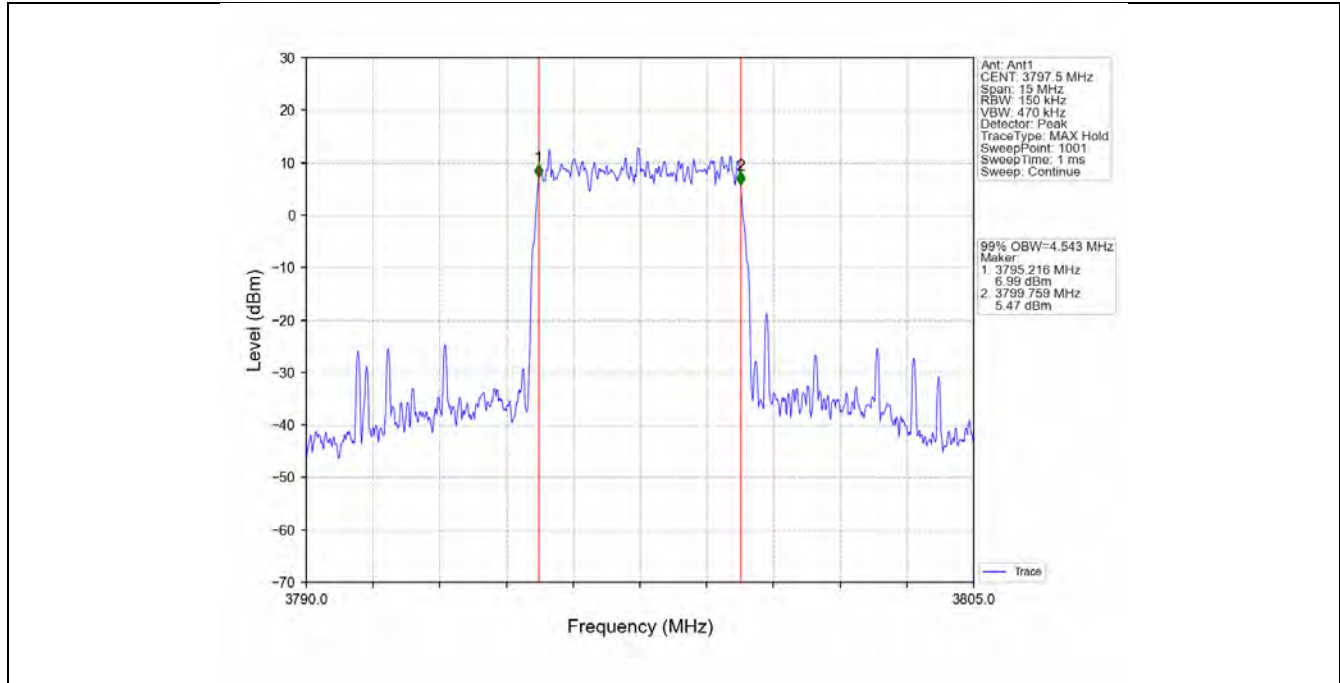


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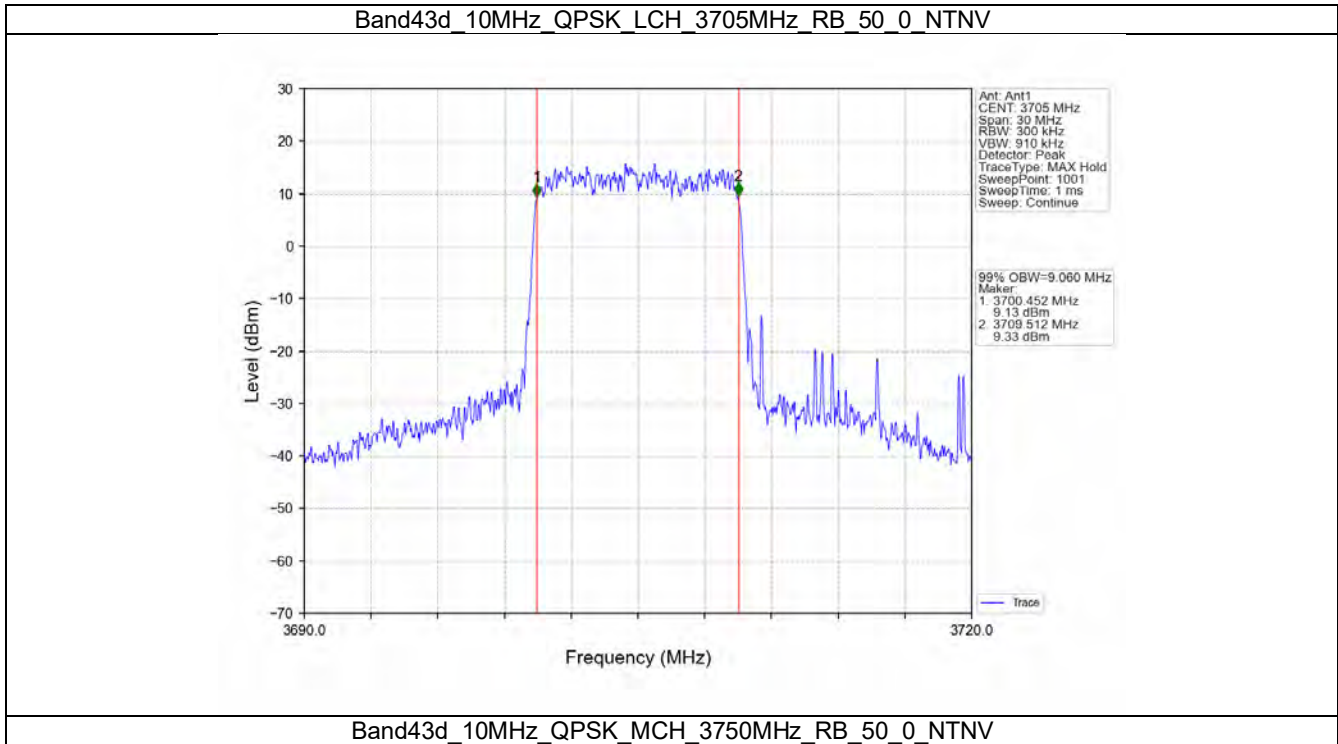


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Rev.: 01

Page: 36 of 387



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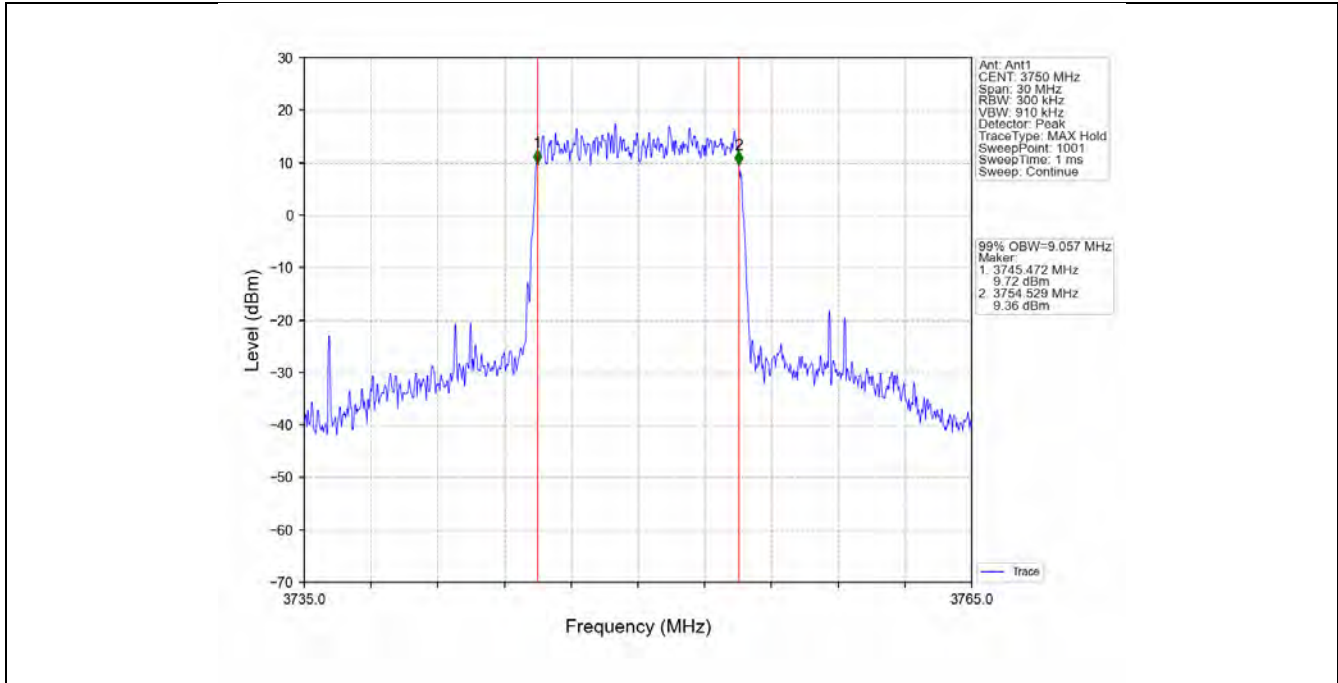


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Report No.: SZCR240100038408

Rev.: 01

Page: 37 of 387



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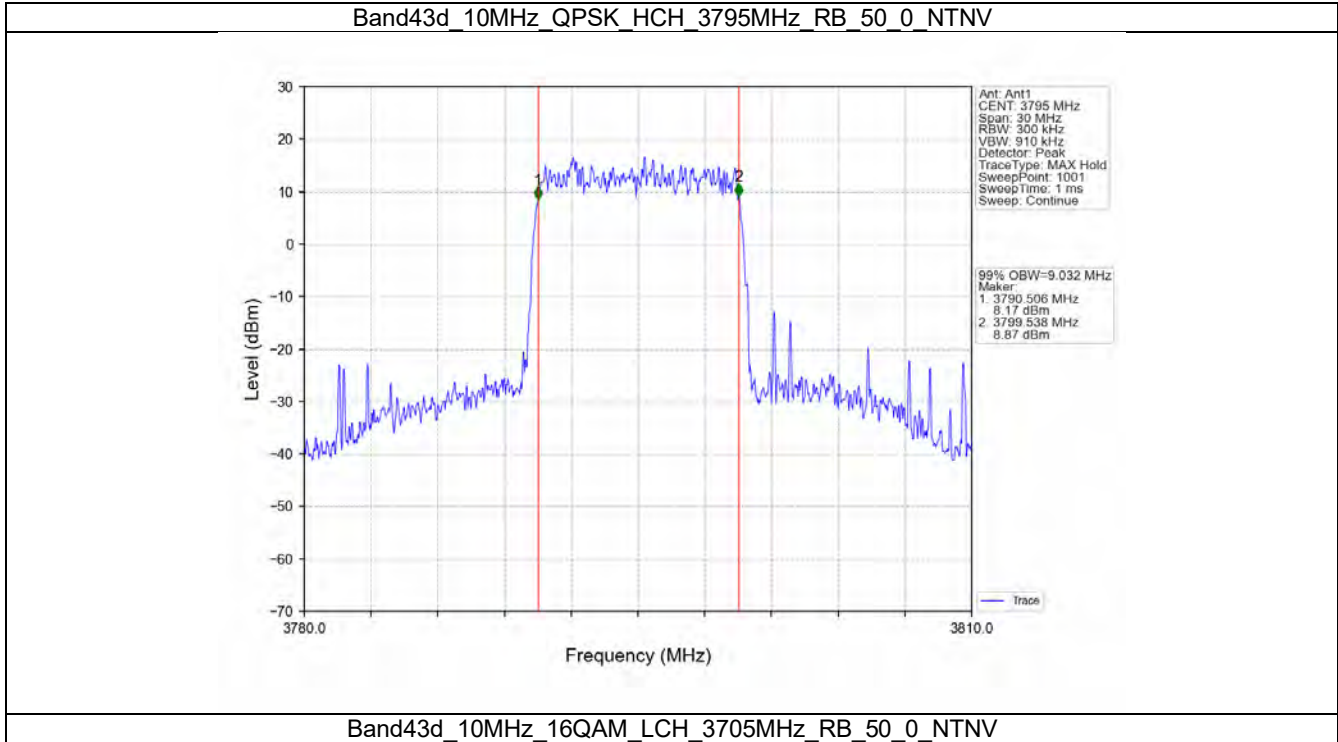


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Report No.: SZCR240100038408

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Page: 38 of 387



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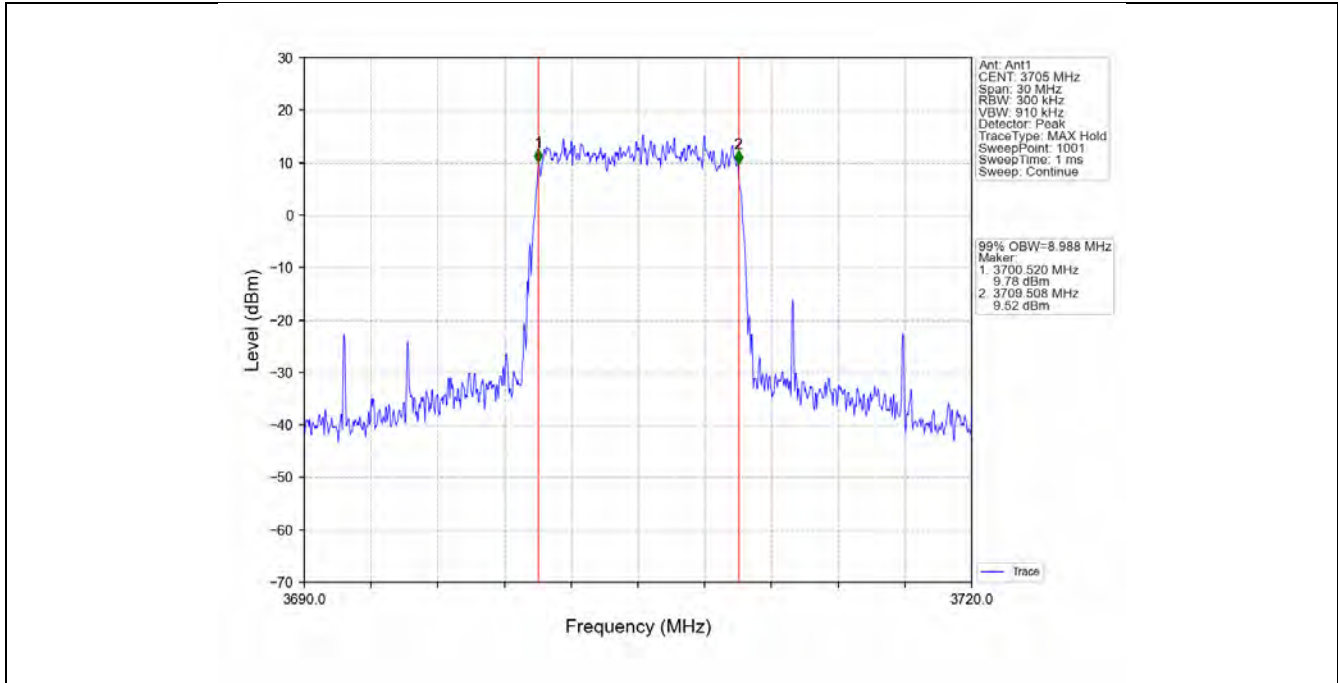


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Report No.: SZCR240100038408

Rev.: 01

Page: 39 of 387



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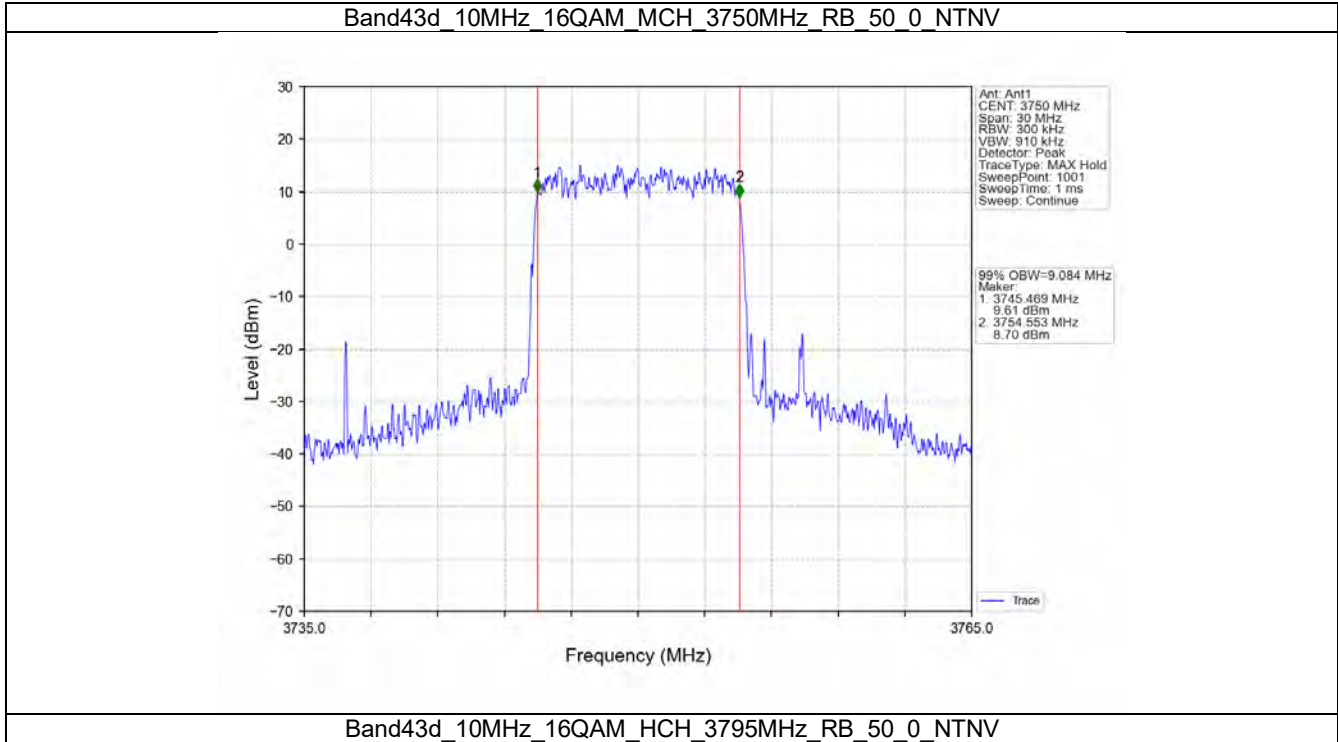


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Report No.: SZCR240100038408

Rev.: 01

Page: 40 of 387



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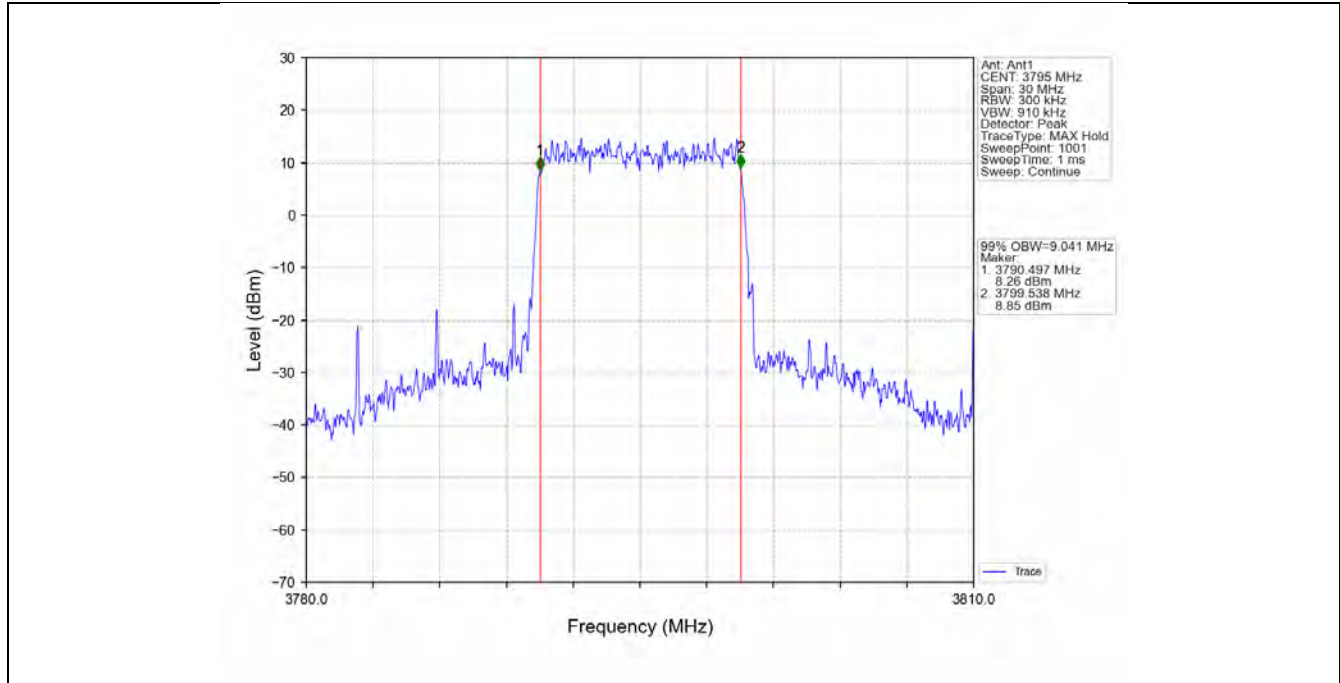


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 41 of 387



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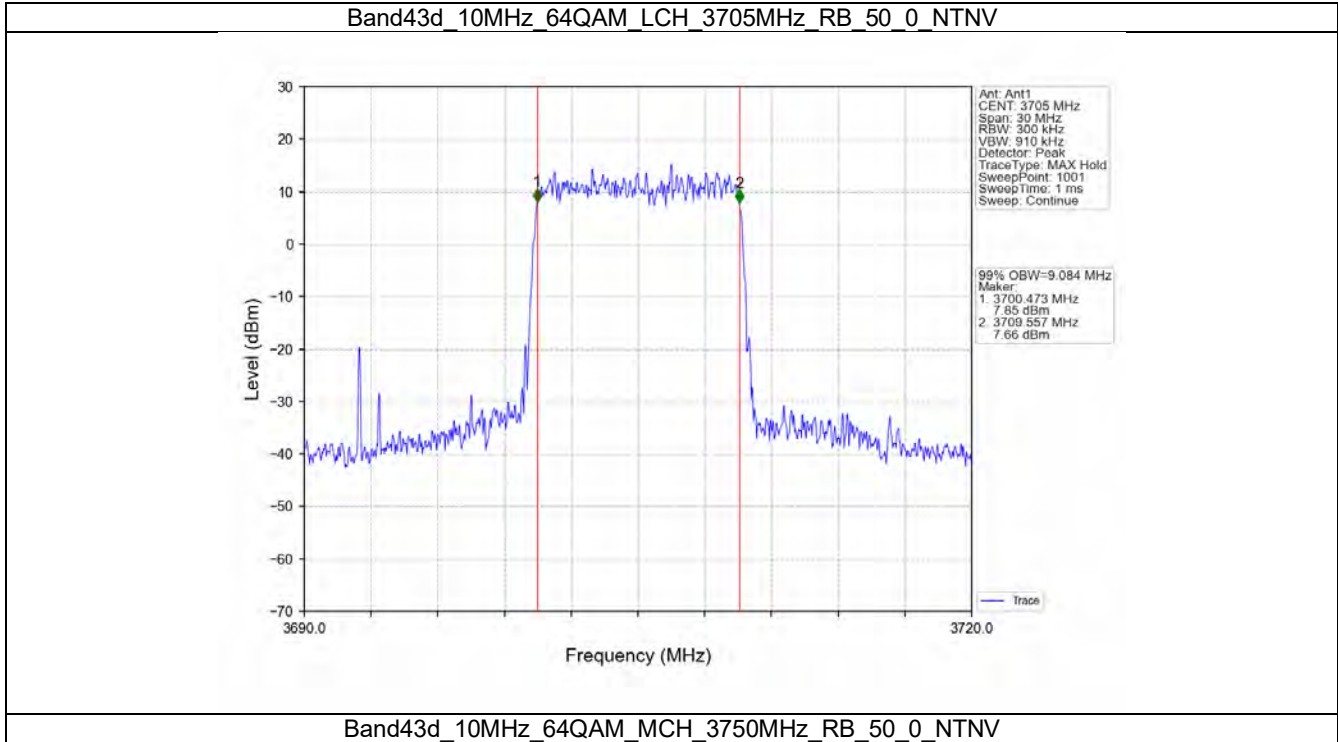


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Report No.: SZCR240100038408

Rev.: 01

Page: 42 of 387



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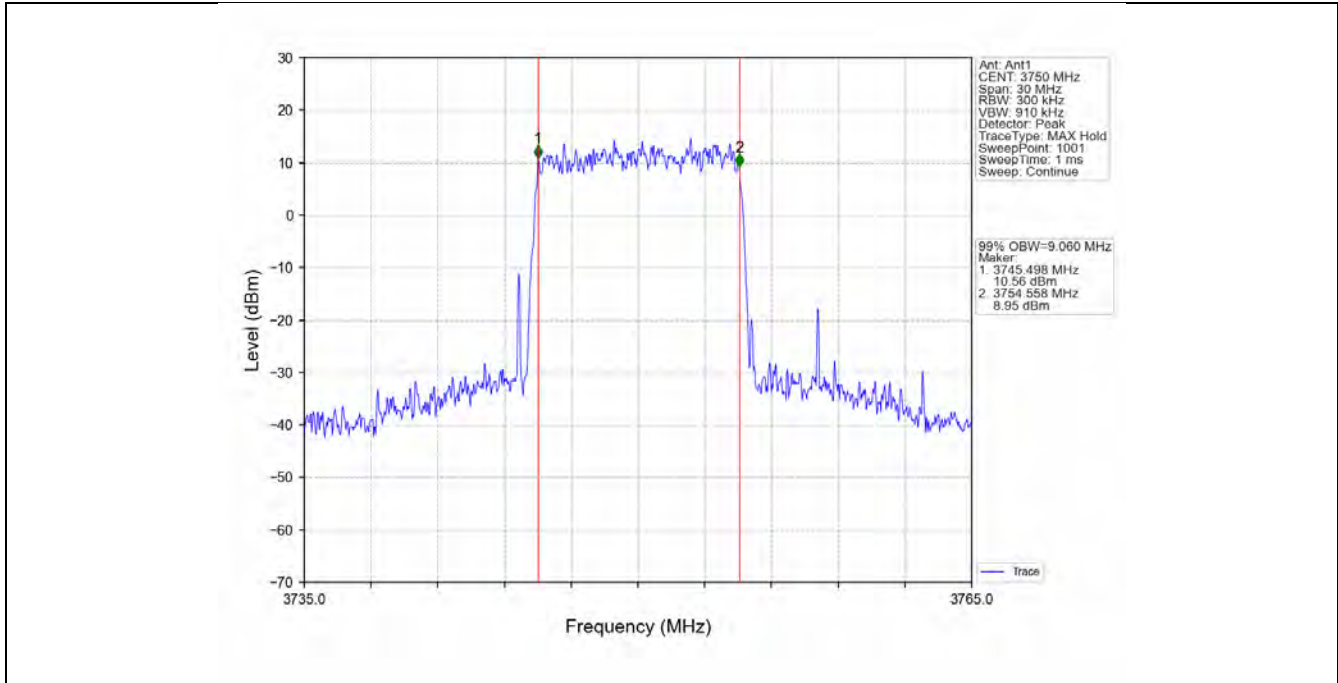


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Report No.: SZCR240100038408

Rev.: 01

Page: 43 of 387



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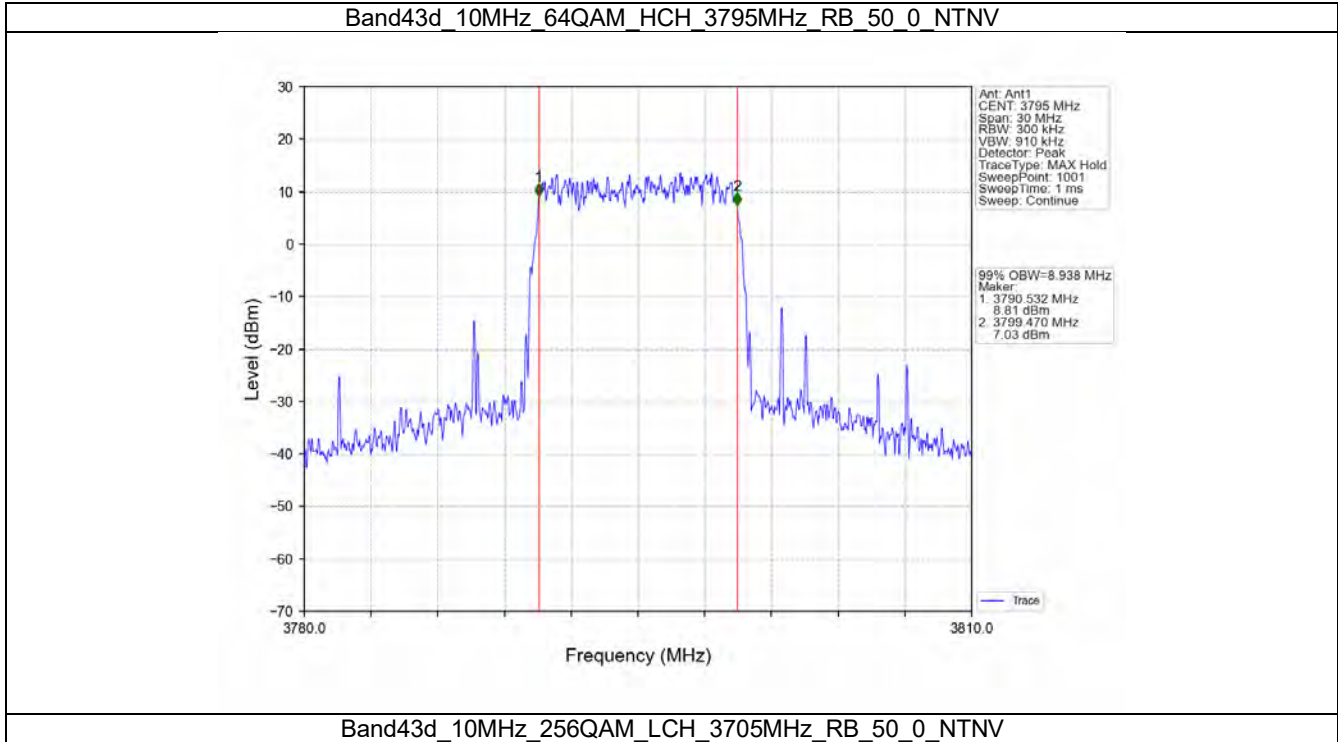


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Report No.: SZCR240100038408

Rev.: 01

Page: 44 of 387



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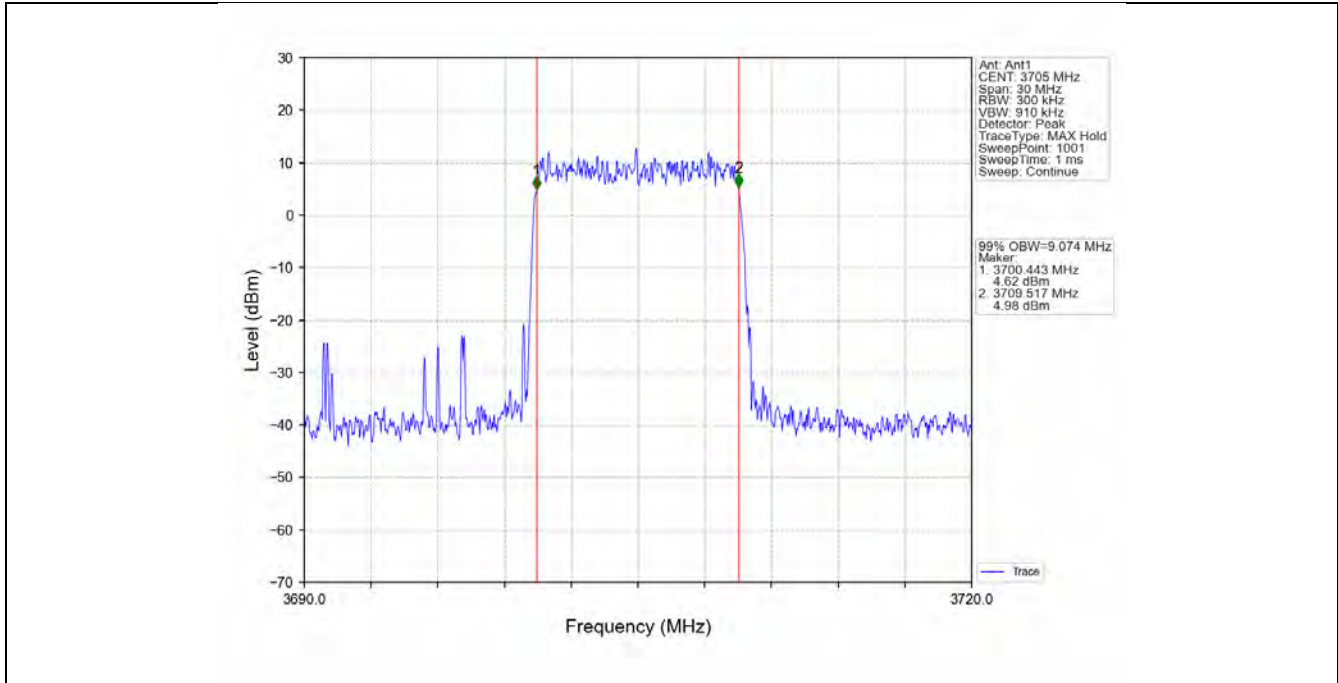


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Report No.: SZCR240100038408

Rev.: 01

Page: 45 of 387



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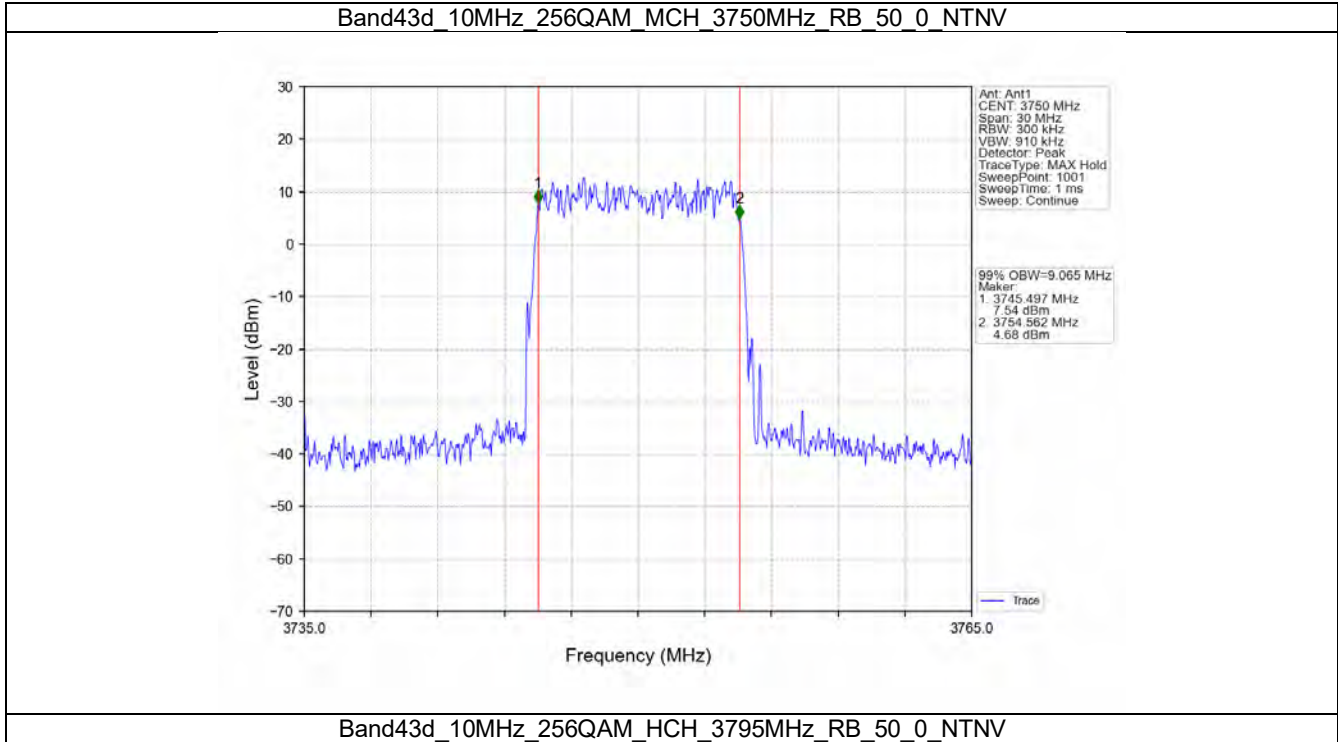


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Report No.: SZCR240100038408

Rev.: 01

Page: 46 of 387



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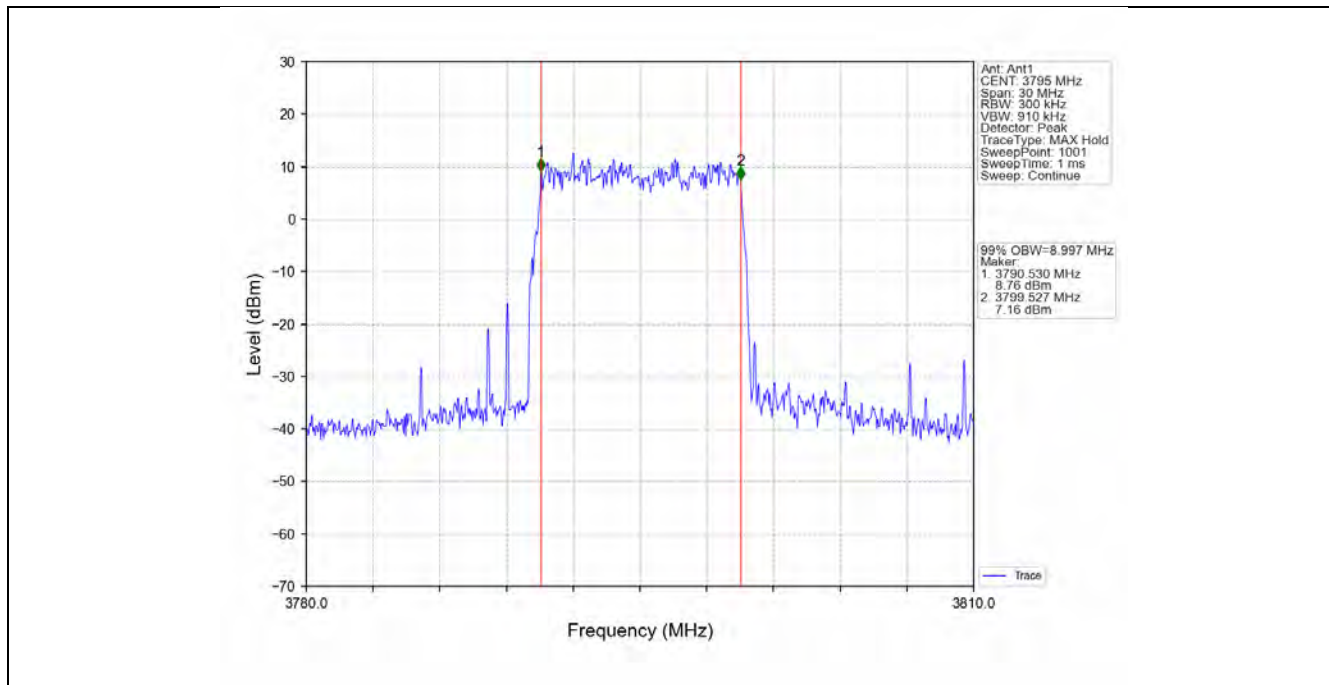
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Report No.: SZCR240100038408
Rev.: 01
Page: 47 of 387



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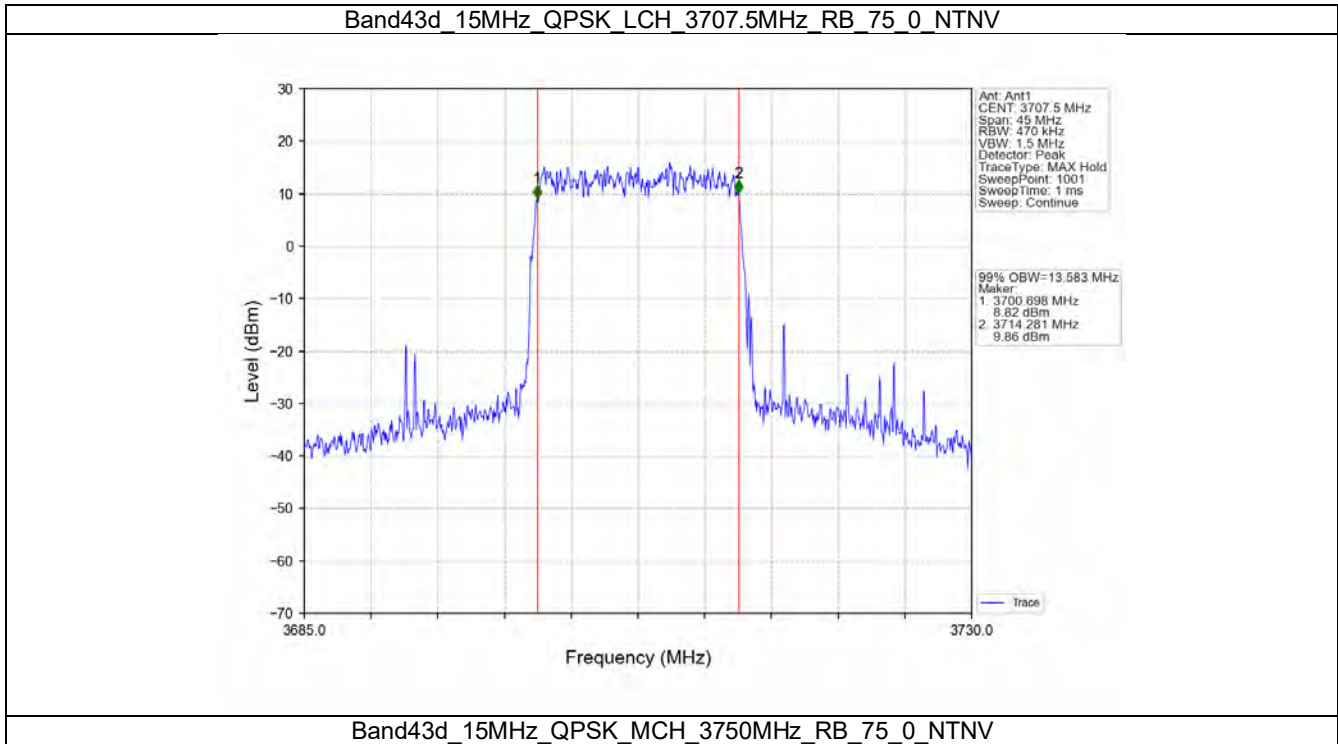


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Report No.: SZCR240100038408

Rev.: 01

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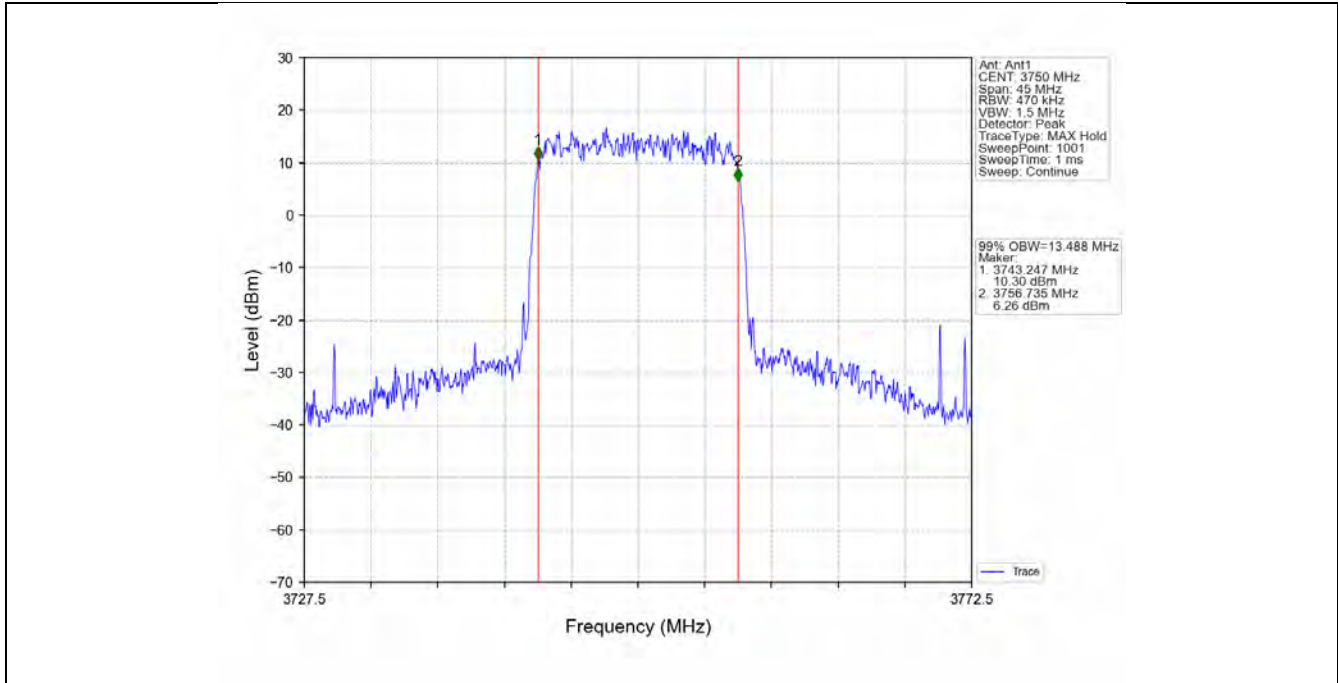


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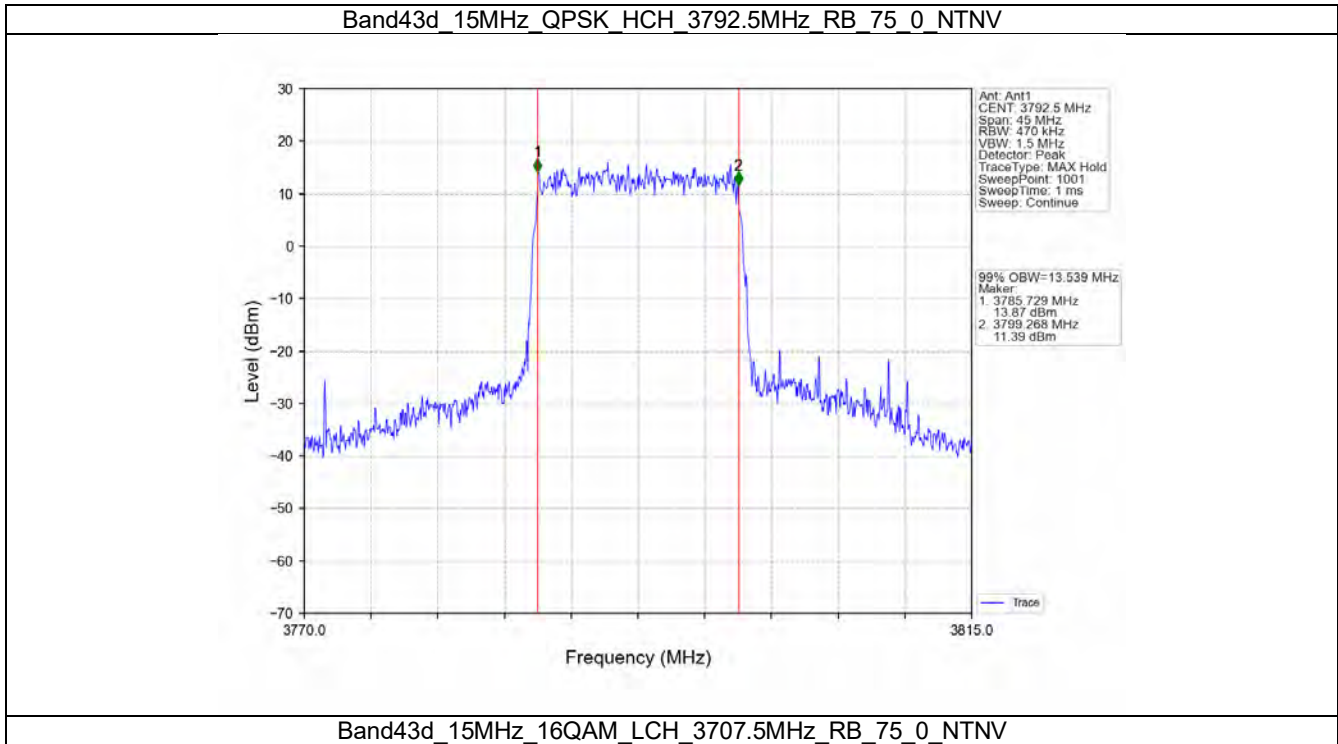


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Report No.: SZCR240100038408

Rev.: 01

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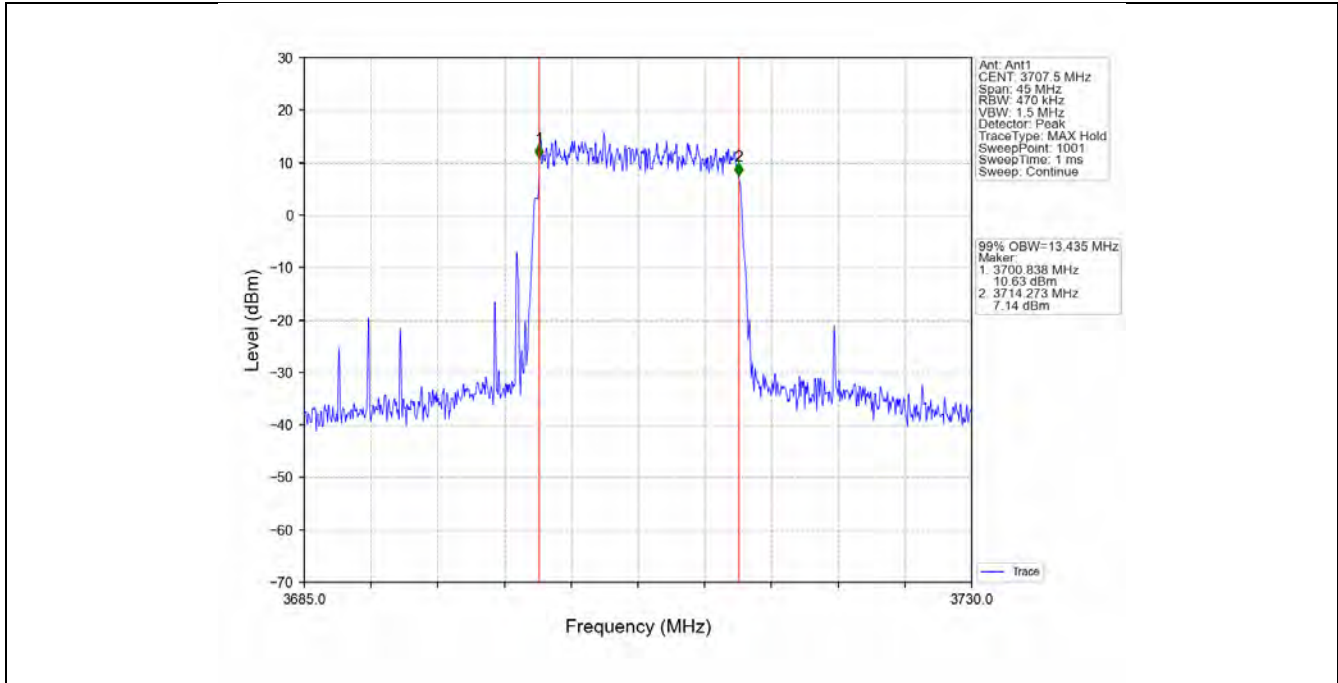


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Report No.: SZCR240100038408

Rev.: 01

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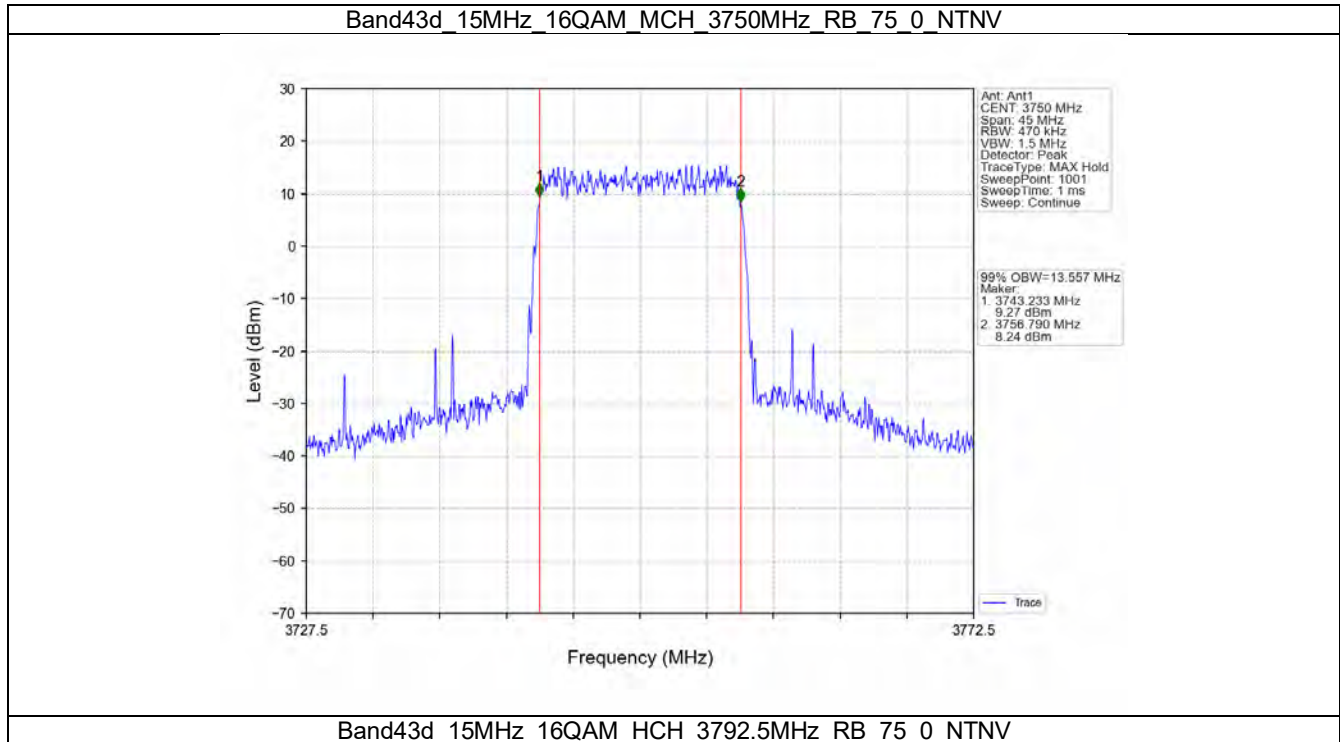


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Report No.: SZCR240100038408

Rev.: 01

Page: 52 of 387



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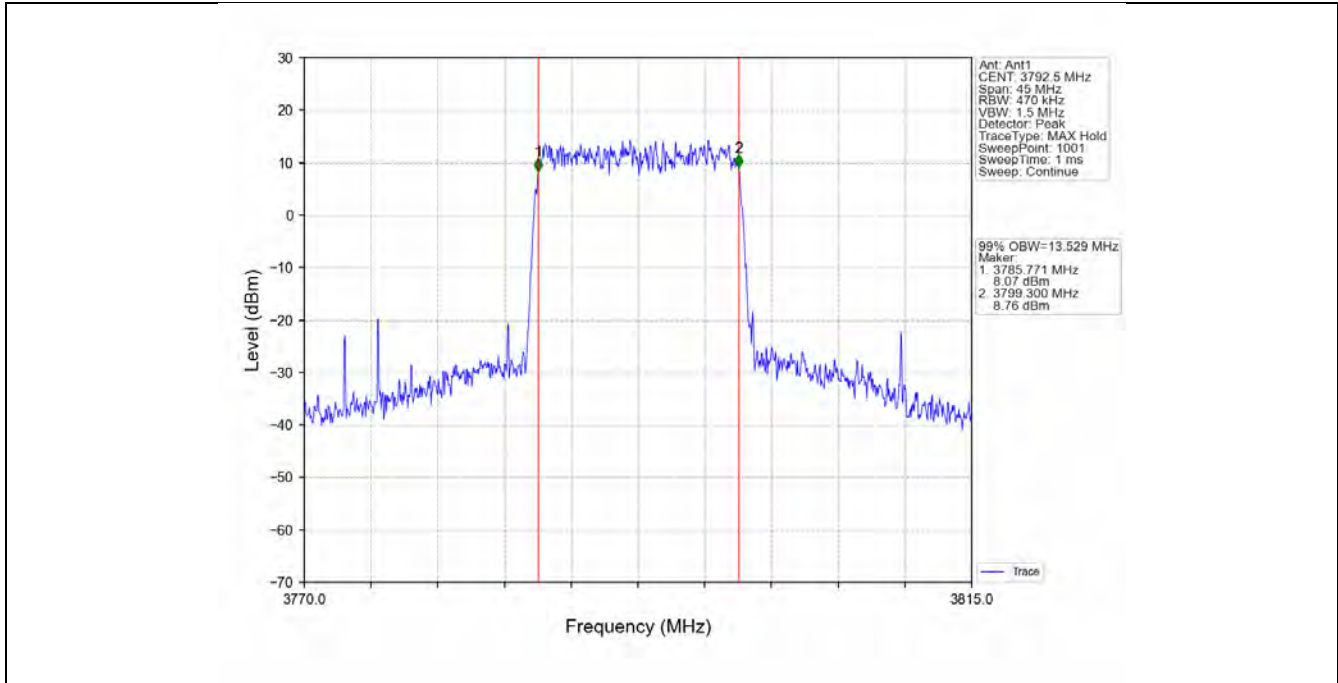


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Report No.: SZCR240100038408

Rev.: 01

Page: 53 of 387



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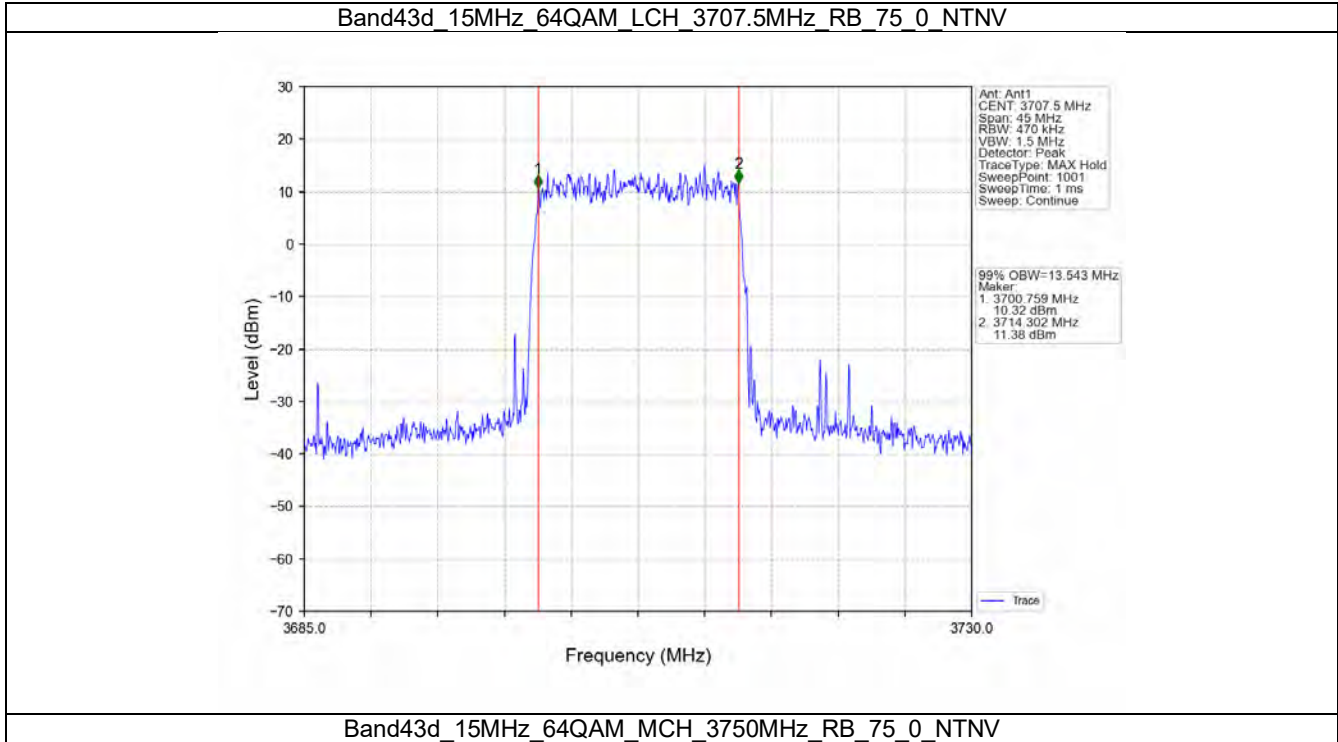


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Report No.: SZCR240100038408

Rev.: 01

Page: 54 of 387



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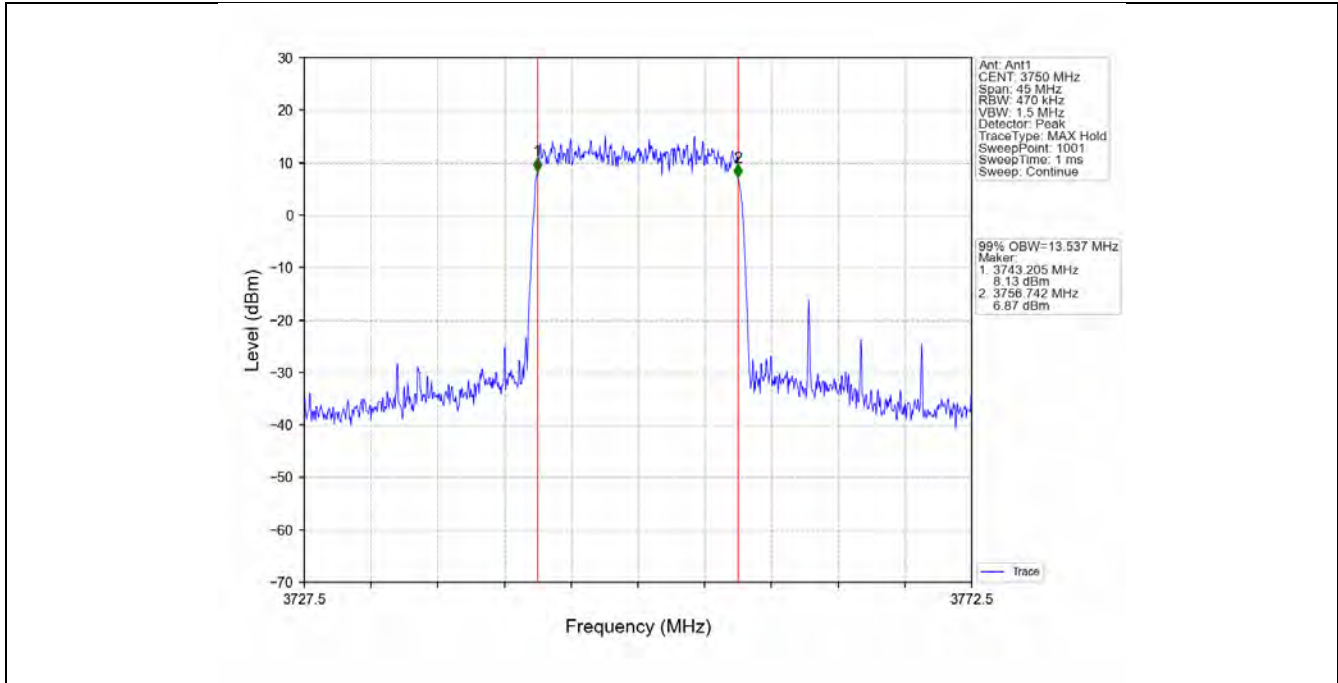


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Report No.: SZCR240100038408

Rev.: 01

Page: 55 of 387



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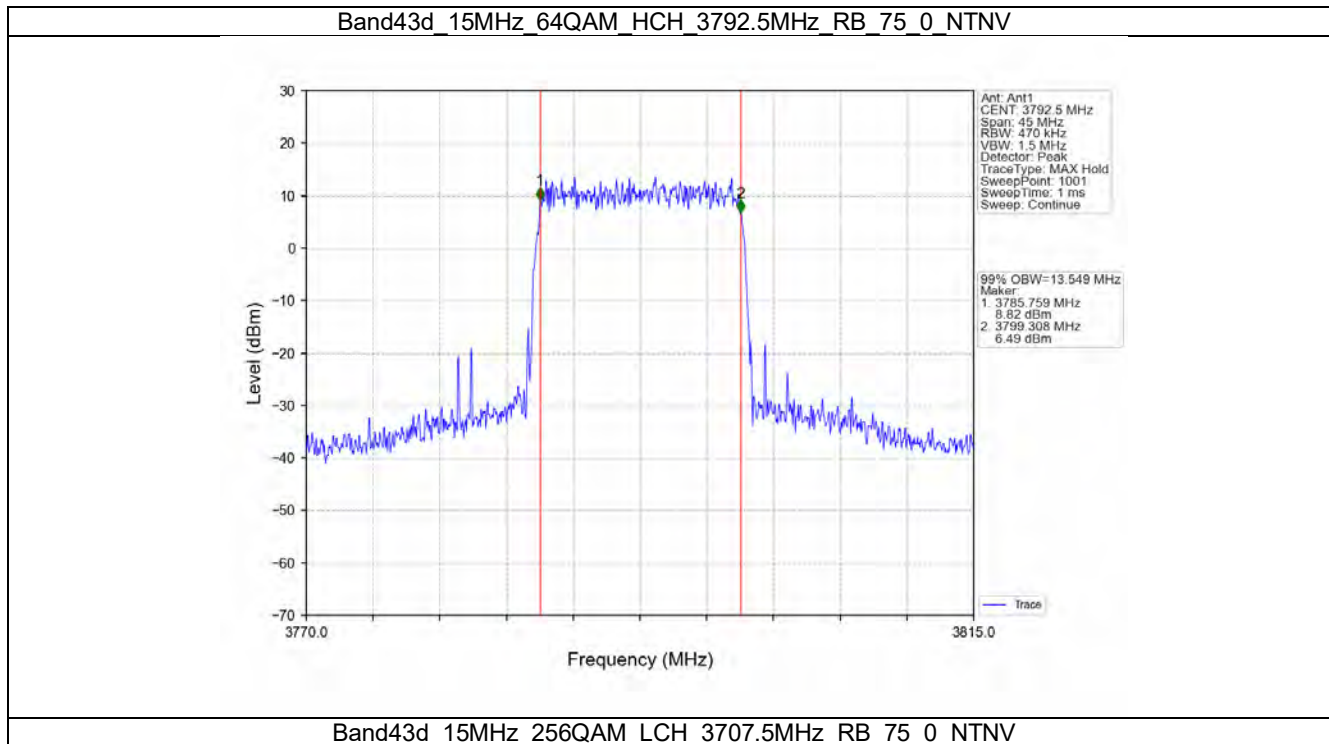
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**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408
Rev.: 01
Page: 56 of 387



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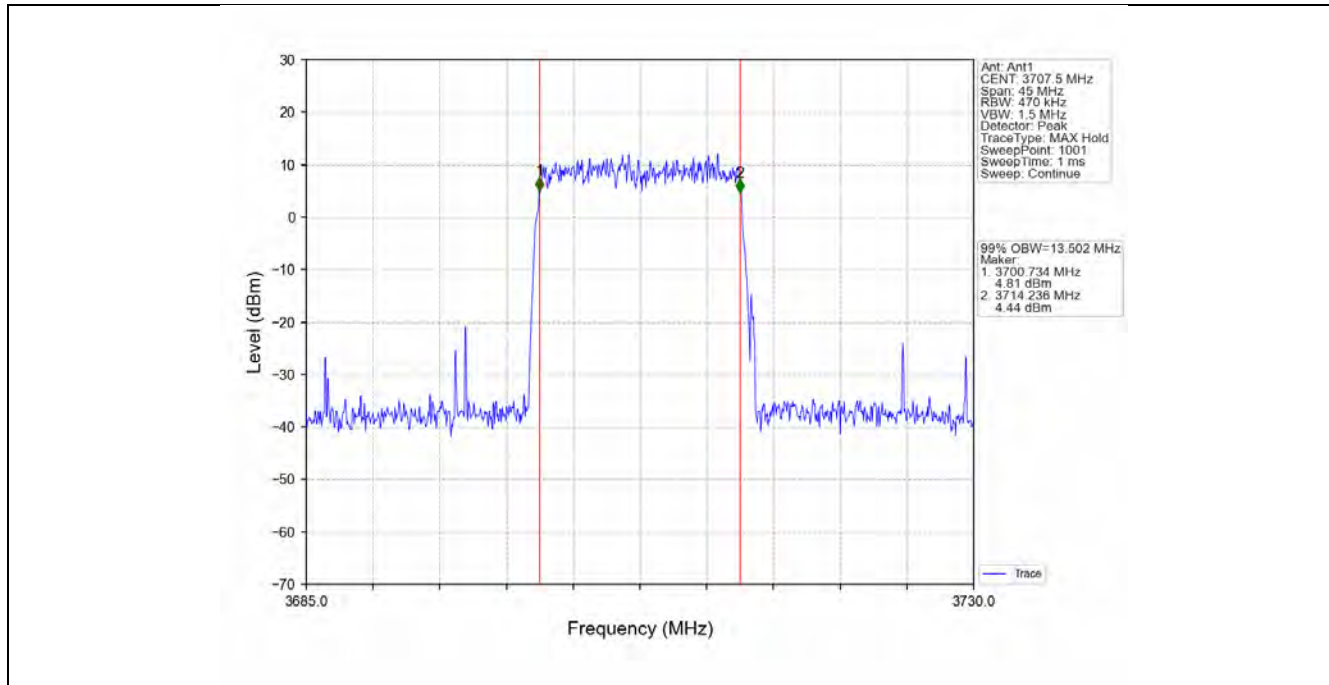
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Report No.: SZCR240100038408
Rev.: 01
Page: 57 of 387



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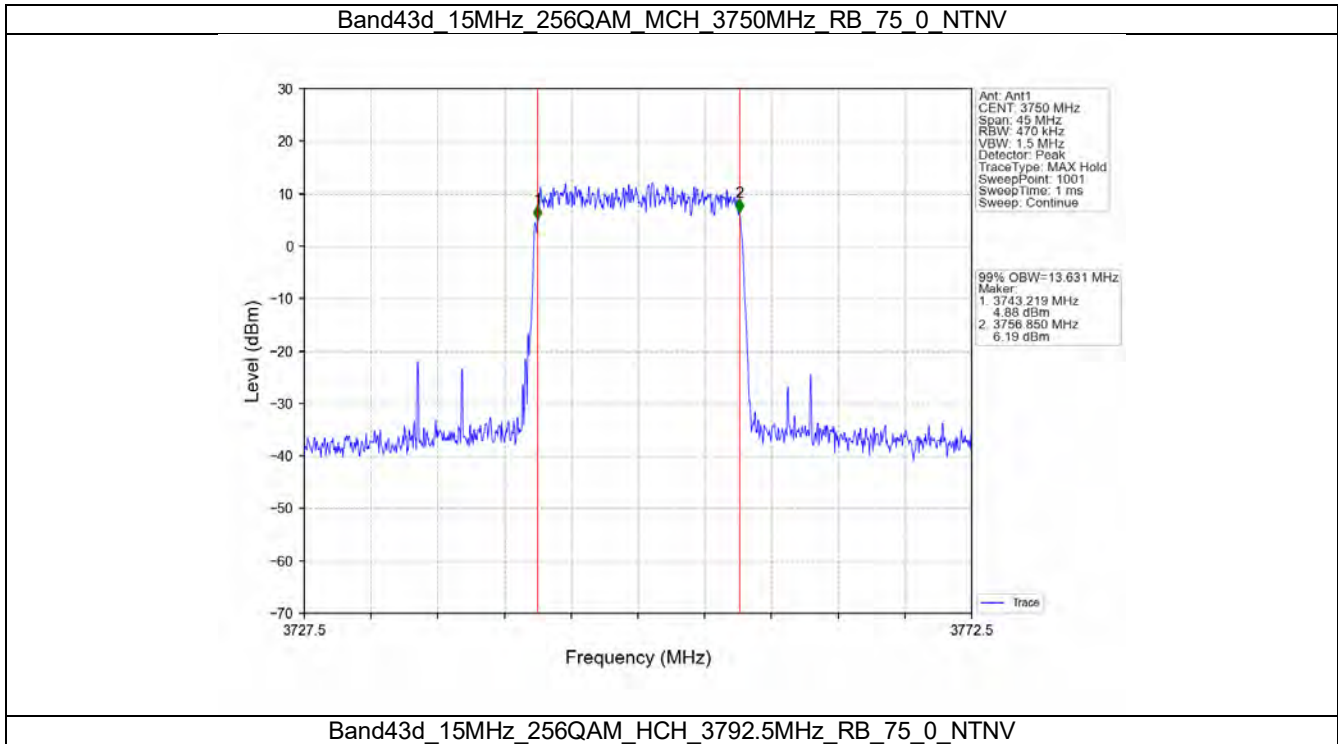


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 58 of 387



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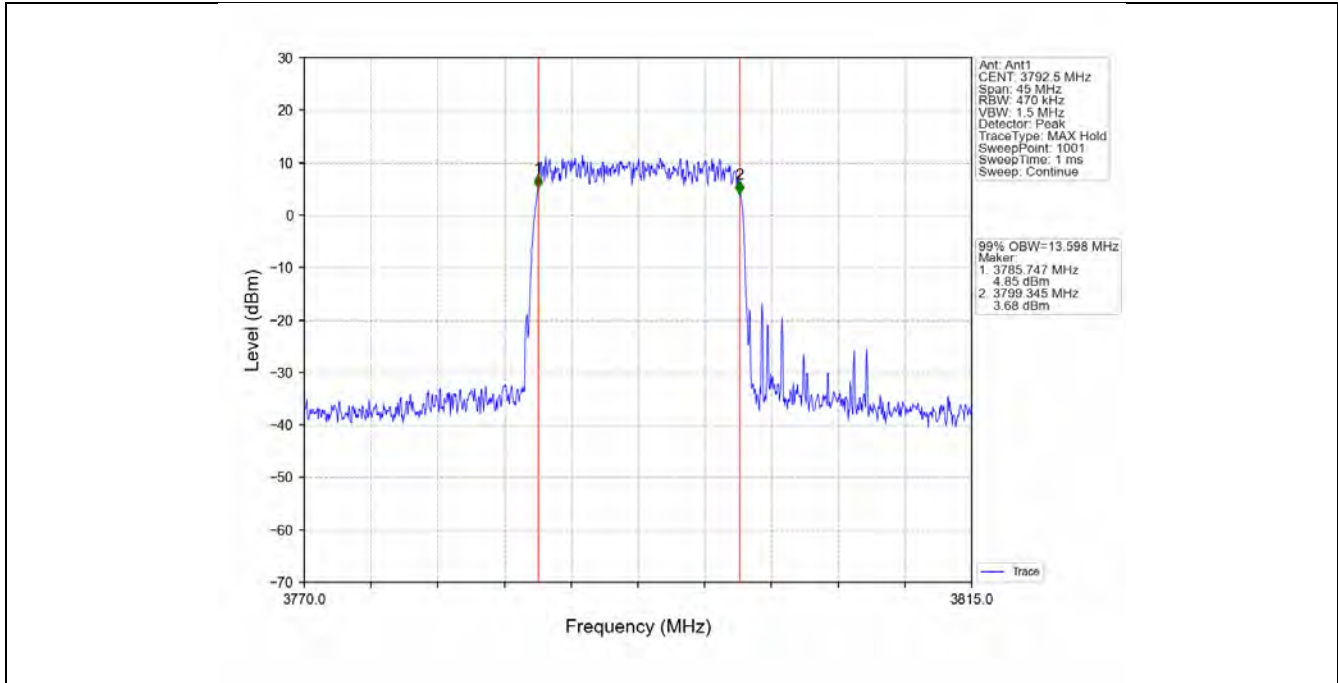


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 59 of 387



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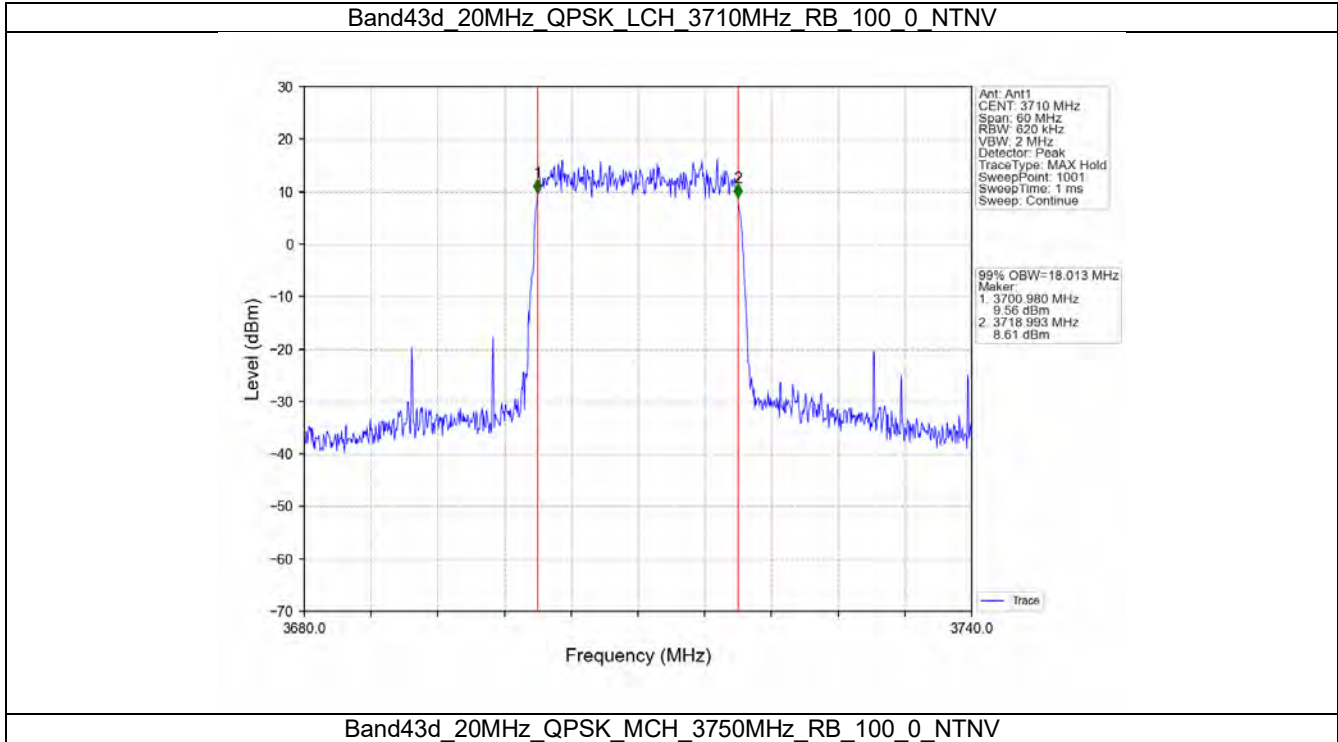


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 60 of 387



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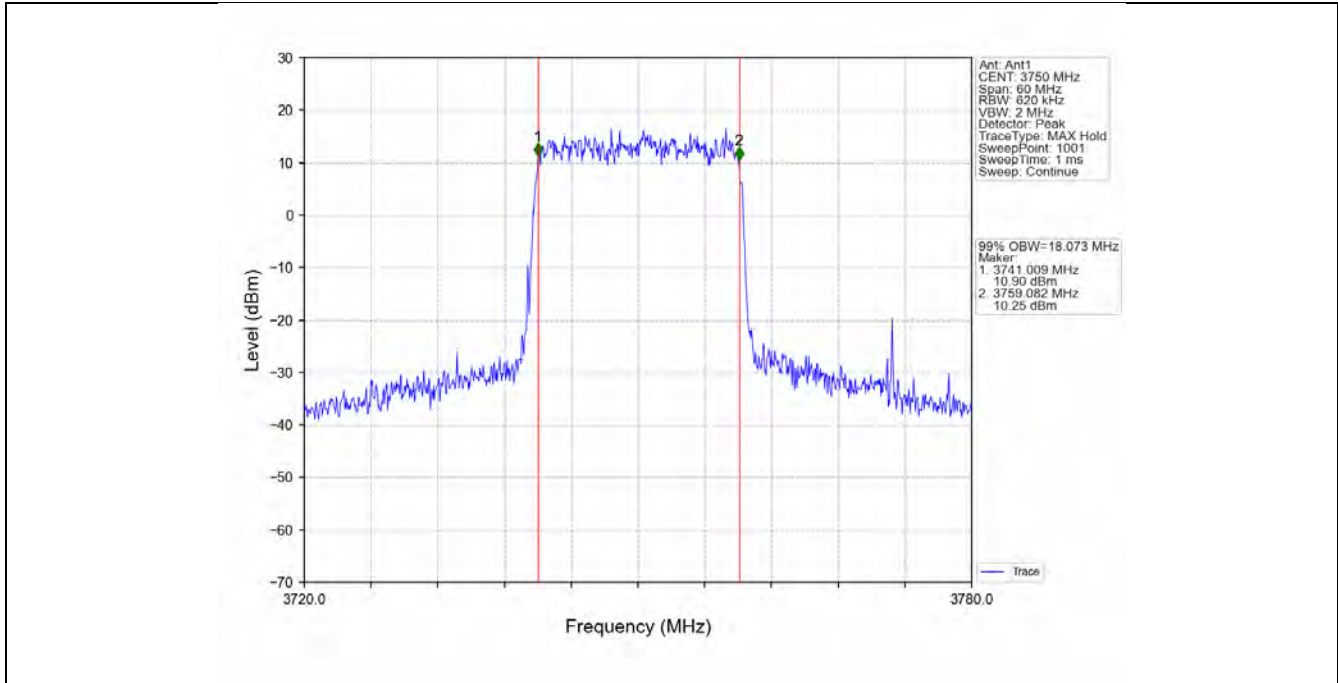


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Report No.: SZCR240100038408

Rev.: 01

Page: 61 of 387



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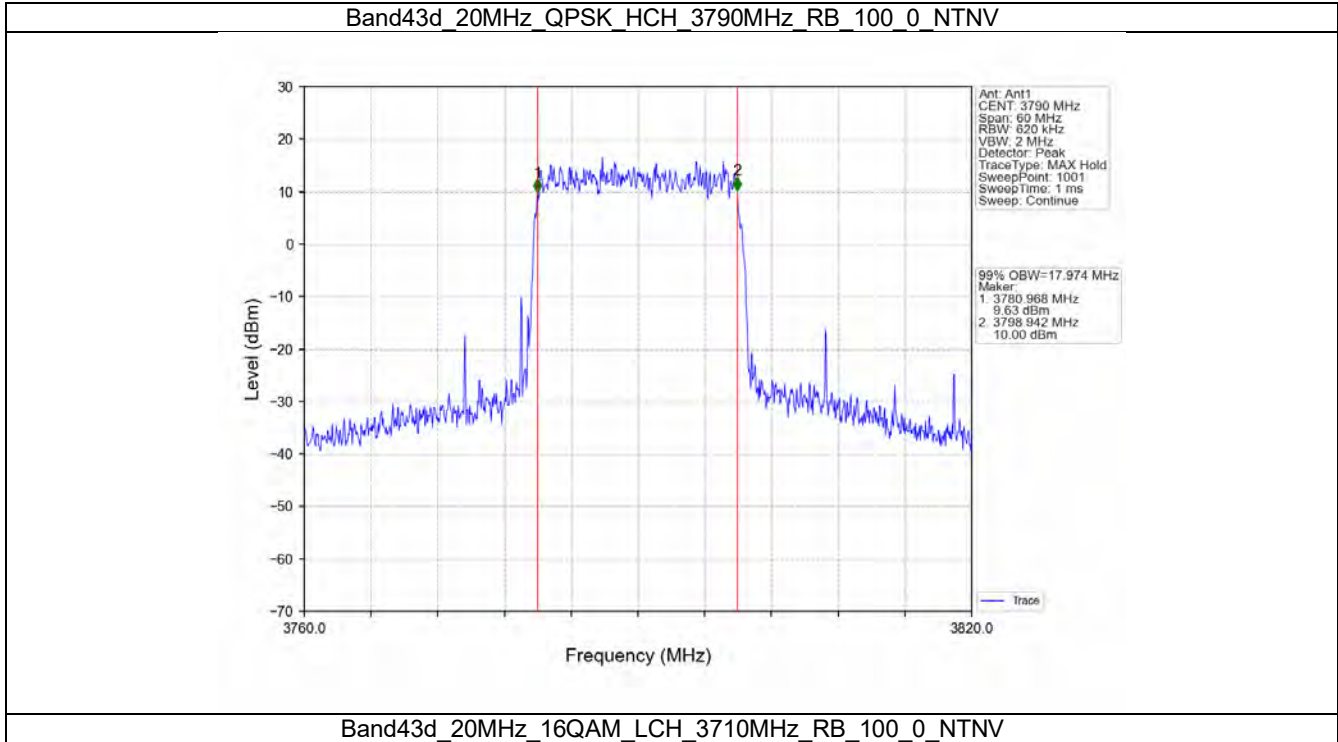


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Report No.: SZCR240100038408

Rev.: 01

Page: 62 of 387



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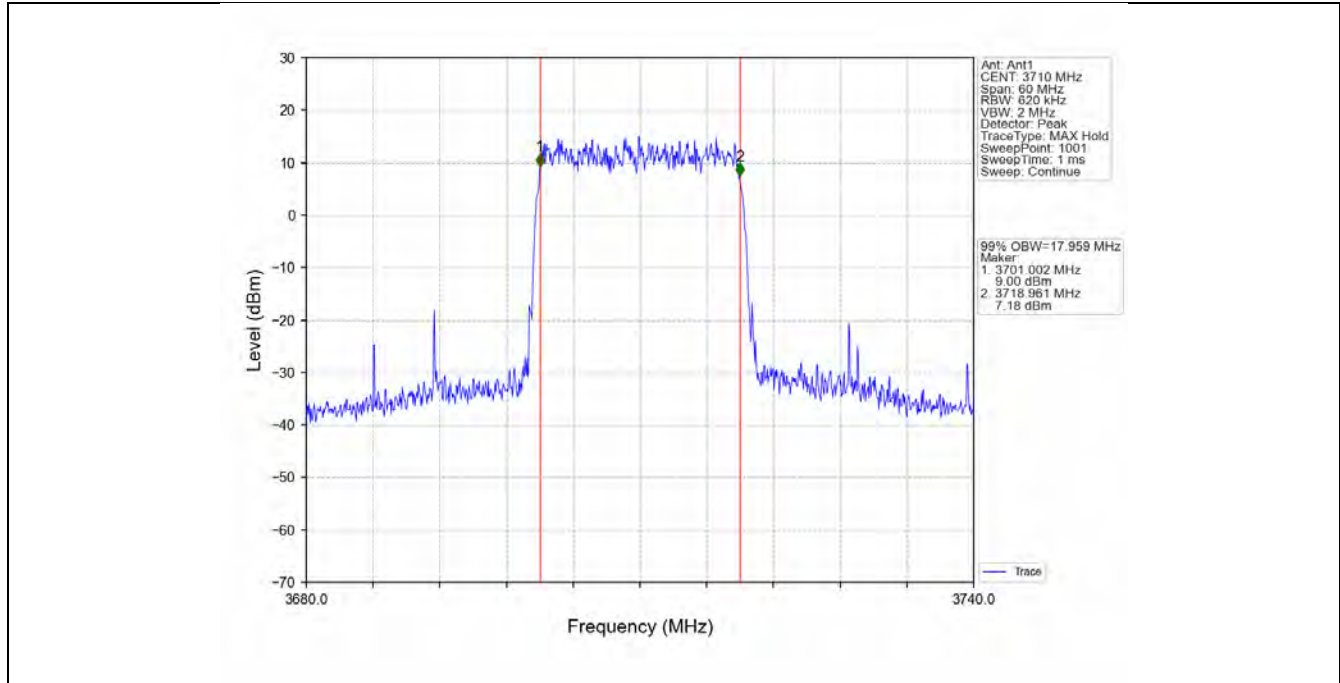


**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408

Rev.: 01

Page: 63 of 387



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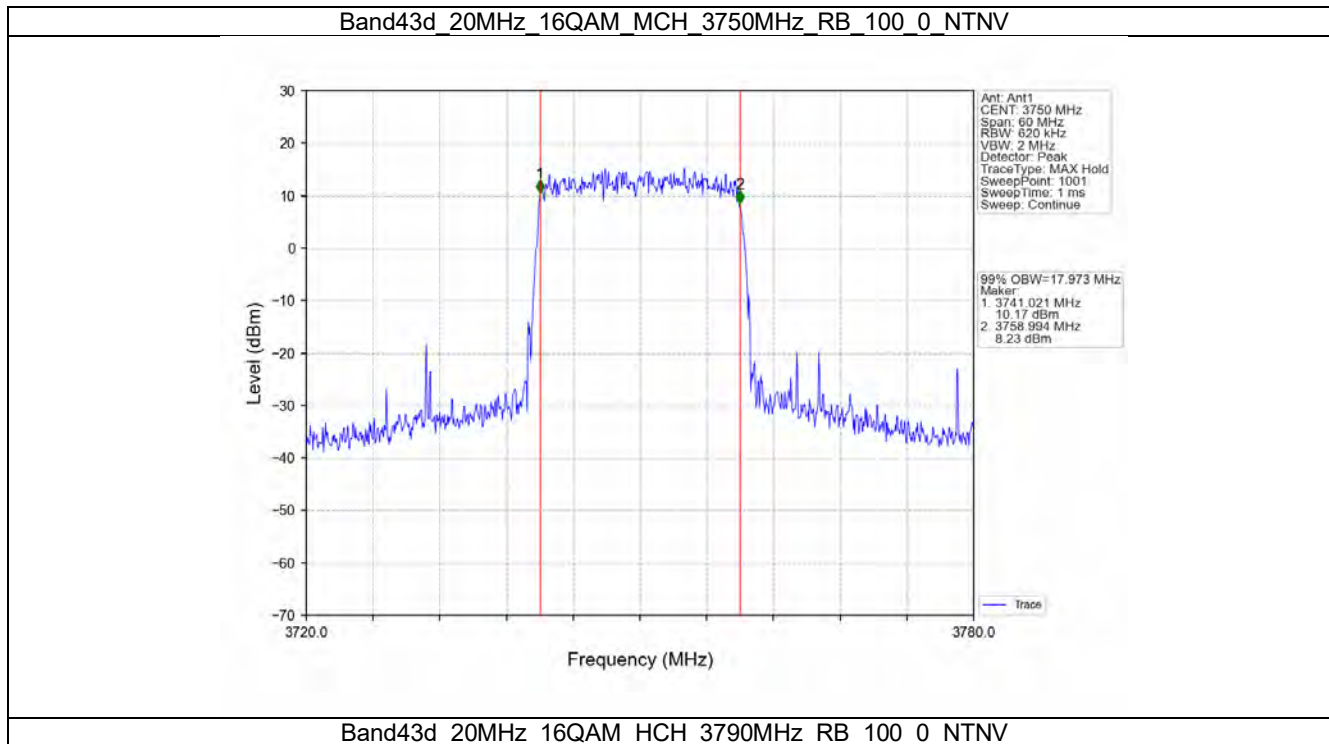
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Report No.: SZCR240100038408
Rev.: 01
Page: 64 of 387



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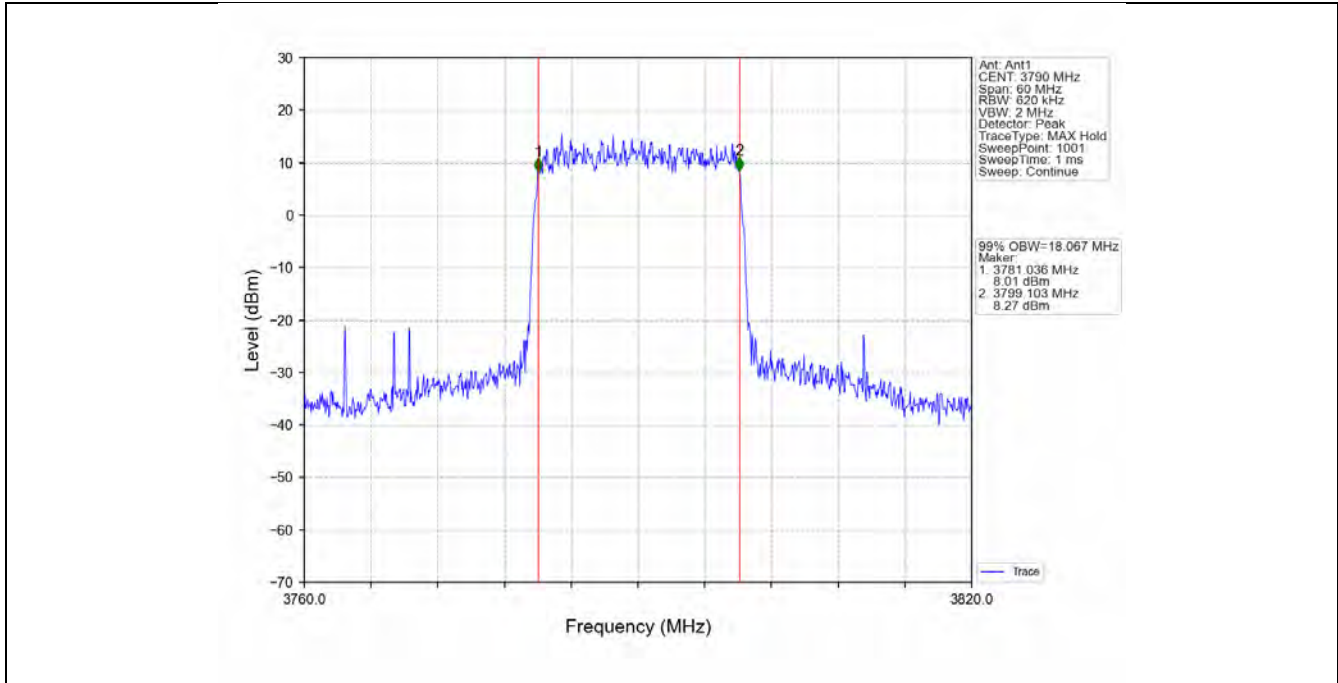


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Report No.: SZCR240100038408

Rev.: 01

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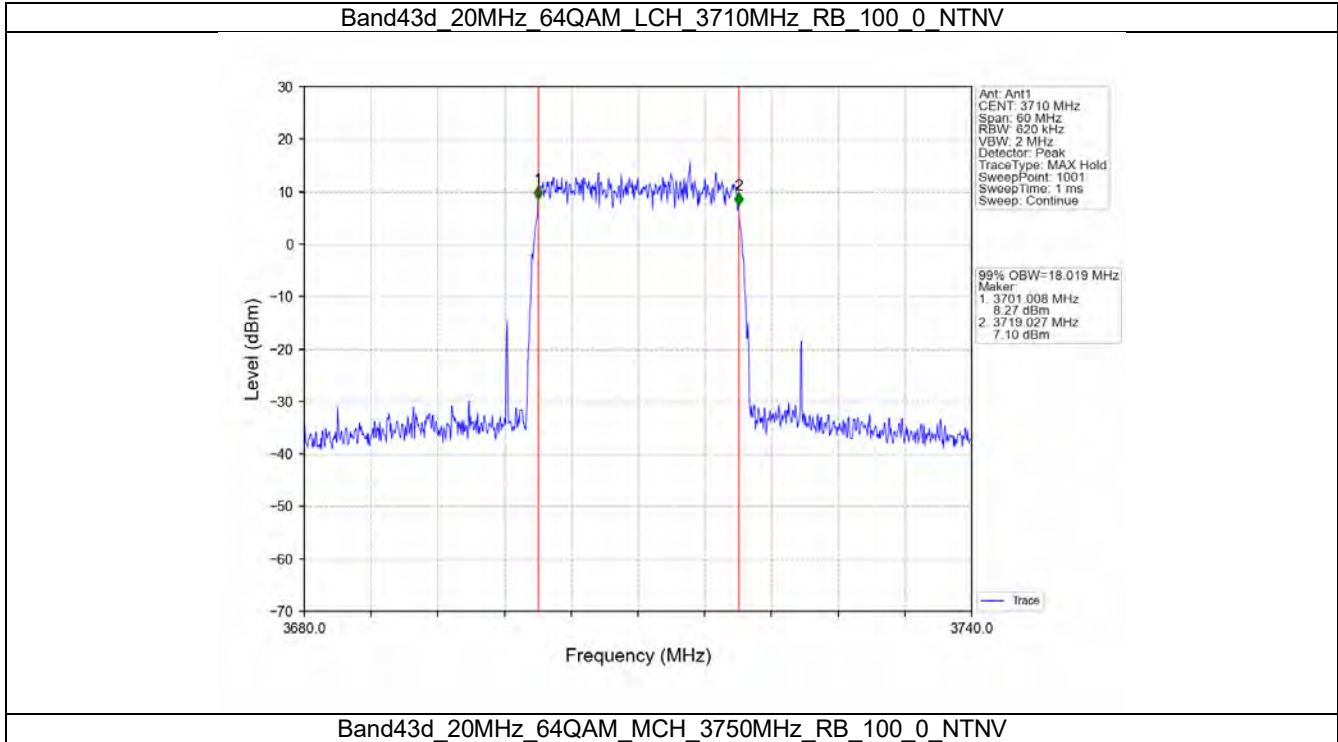


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Report No.: SZCR240100038408

Rev.: 01

Page: 66 of 387



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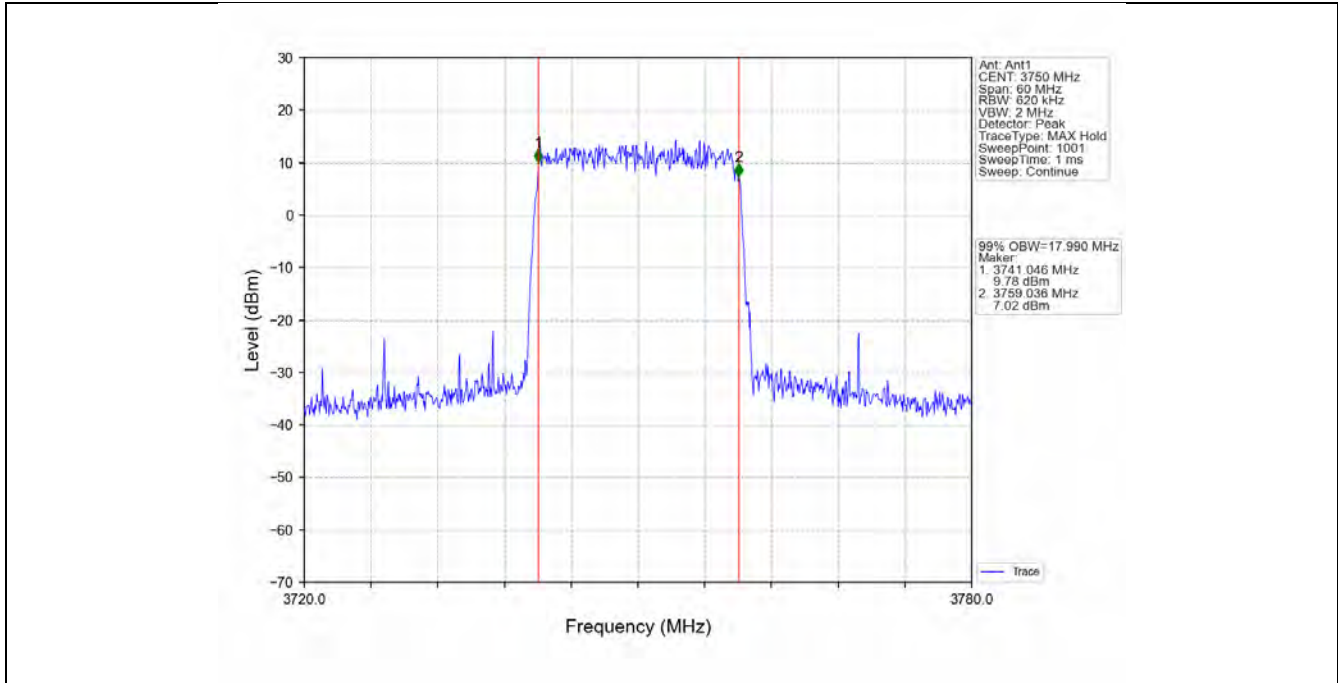


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Report No.: SZCR240100038408

Rev.: 01

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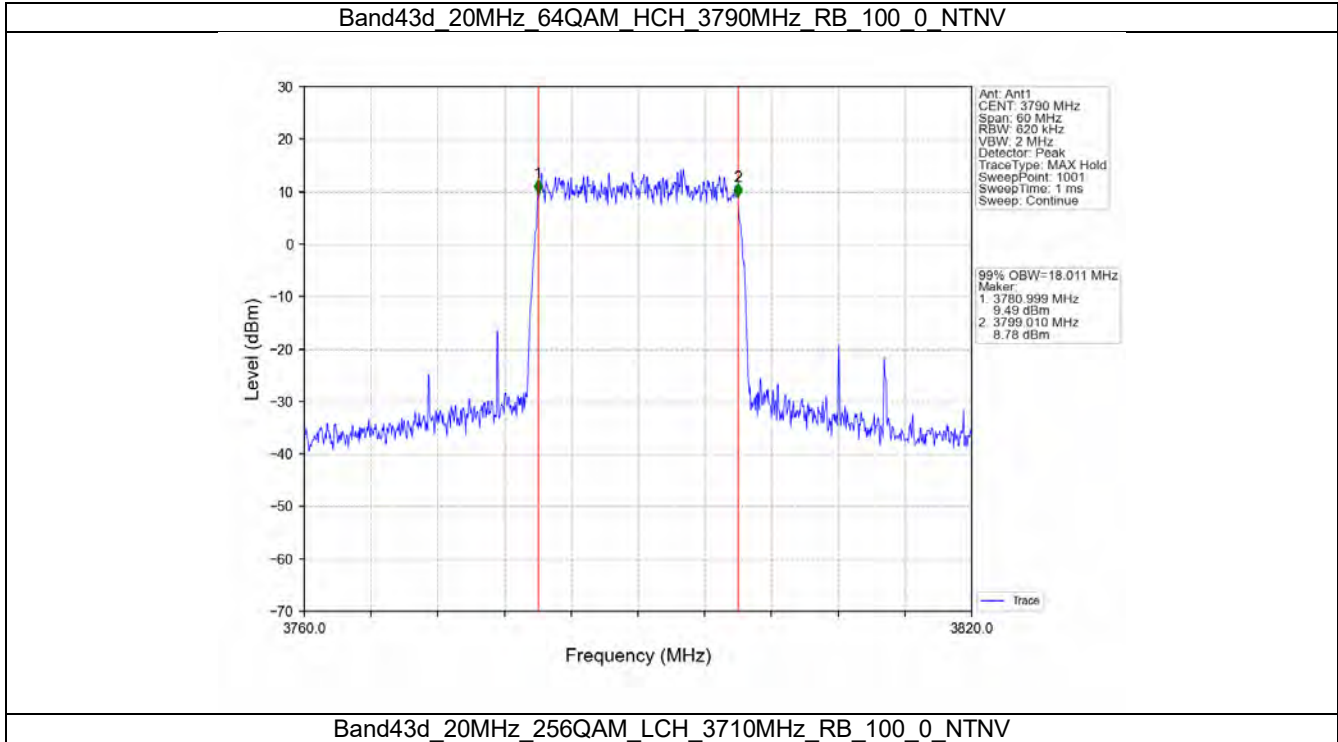


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Report No.: SZCR240100038408

Rev.: 01

Page: 68 of 387



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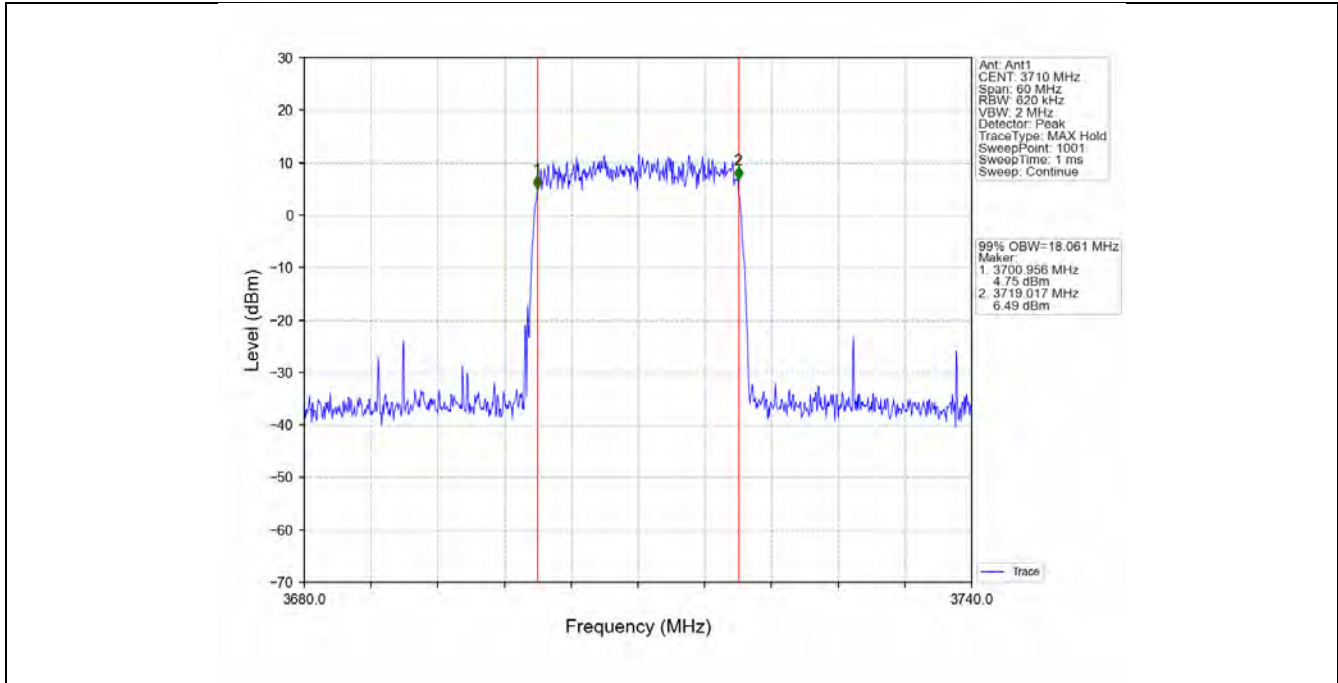


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Report No.: SZCR240100038408

Rev.: 01

Page: 69 of 387



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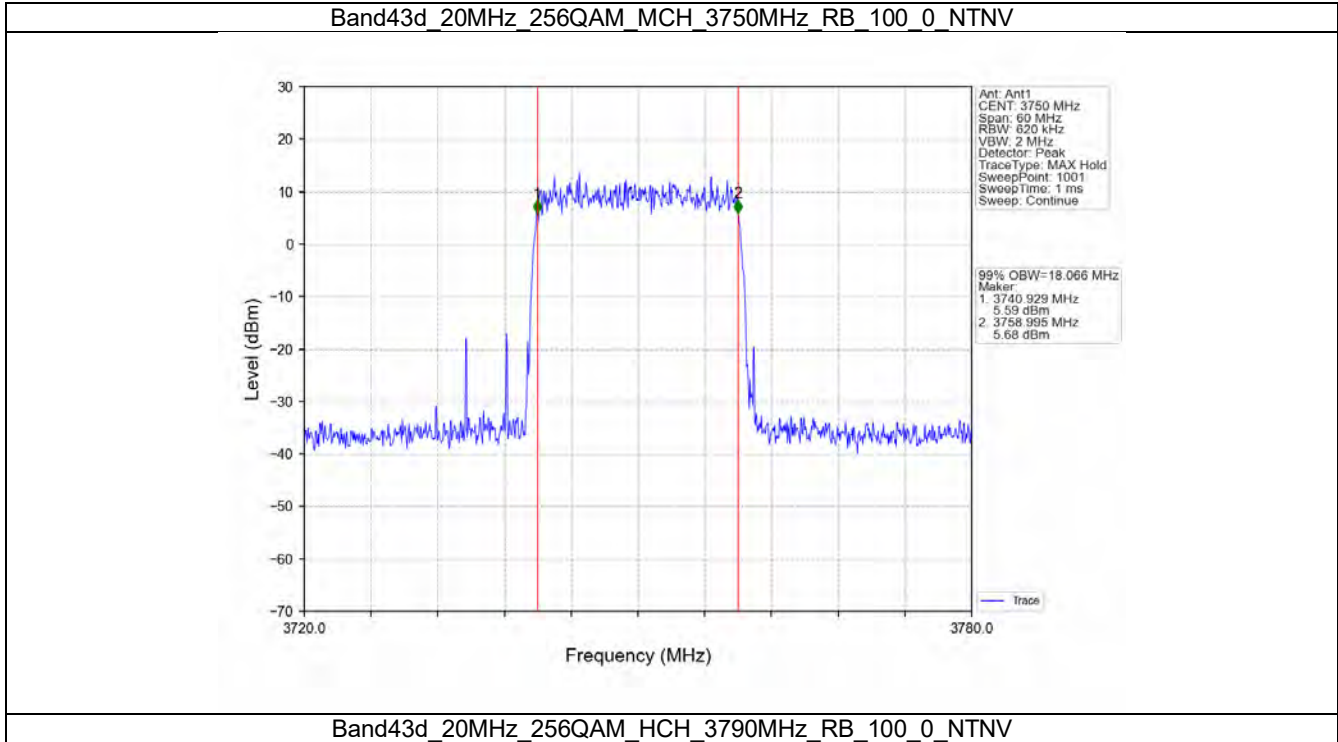


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Report No.: SZCR240100038408

Rev.: 01

Page: 70 of 387



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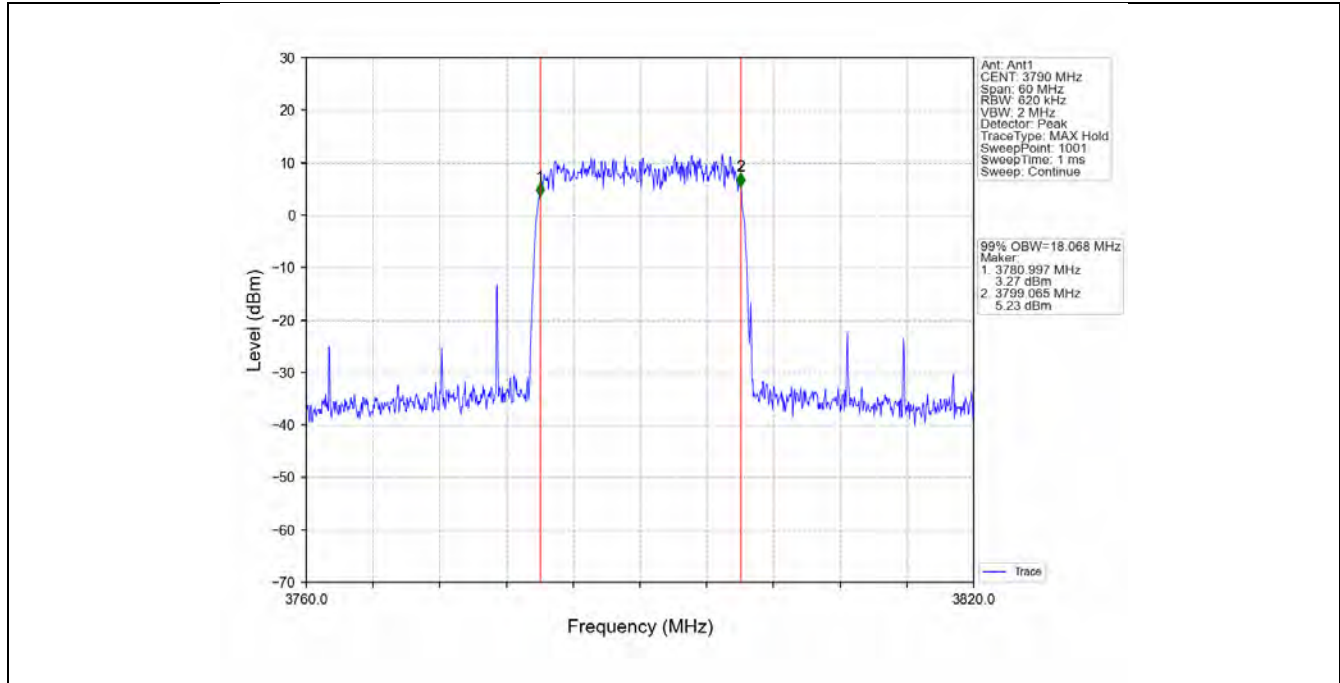


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Report No.: SZCR240100038408

Rev.: 01

Page: 71 of 387



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Report No.: SZCR240100038408

Rev.: 01

Page: 72 of 387

3.2 Band43d_XDB

3.2.1 Test Result

Band: 43d / NTN							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	3702.5	25	0	4.894	/	Pass
		3750	25	0	4.918	/	Pass
		3797.5	25	0	4.921	/	Pass
	16QAM	3702.5	25	0	5.391	/	Pass
		3750	25	0	4.911	/	Pass
		3797.5	25	0	4.848	/	Pass
	64QAM	3702.5	25	0	4.932	/	Pass
		3750	25	0	4.840	/	Pass
		3797.5	25	0	4.962	/	Pass
	256QAM	3702.5	25	0	4.874	/	Pass
		3750	25	0	4.951	/	Pass
		3797.5	25	0	4.900	/	Pass
10	QPSK	3705	50	0	9.709	/	Pass
		3750	50	0	9.674	/	Pass
		3795	50	0	9.763	/	Pass
	16QAM	3705	50	0	9.764	/	Pass
		3750	50	0	9.679	/	Pass
		3795	50	0	9.685	/	Pass
	64QAM	3705	50	0	9.690	/	Pass
		3750	50	0	9.672	/	Pass
		3795	50	0	11.370	/	Pass
	256QAM	3705	50	0	9.646	/	Pass
		3750	50	0	9.879	/	Pass
		3795	50	0	9.784	/	Pass
15	QPSK	3707.5	75	0	14.779	/	Pass
		3750	75	0	14.585	/	Pass
		3792.5	75	0	14.610	/	Pass
	16QAM	3707.5	75	0	15.470	/	Pass
		3750	75	0	14.589	/	Pass
		3792.5	75	0	14.572	/	Pass
	64QAM	3707.5	75	0	14.613	/	Pass
		3750	75	0	14.490	/	Pass
		3792.5	75	0	14.544	/	Pass
	256QAM	3707.5	75	0	14.485	/	Pass
		3750	75	0	14.481	/	Pass
		3792.5	75	0	14.553	/	Pass
20	QPSK	3710	100	0	19.336	/	Pass
		3750	100	0	19.281	/	Pass



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Report No.: SZCR240100038408

Rev.: 01

Page: 73 of 387

		3790	100	0	19.285	/	Pass
	16QAM	3710	100	0	19.286	/	Pass
		3750	100	0	19.456	/	Pass
		3790	100	0	19.259	/	Pass
	64QAM	3710	100	0	19.314	/	Pass
		3750	100	0	19.269	/	Pass
		3790	100	0	19.358	/	Pass
	256QAM	3710	100	0	19.334	/	Pass
		3750	100	0	19.322	/	Pass
		3790	100	0	22.568	/	Pass



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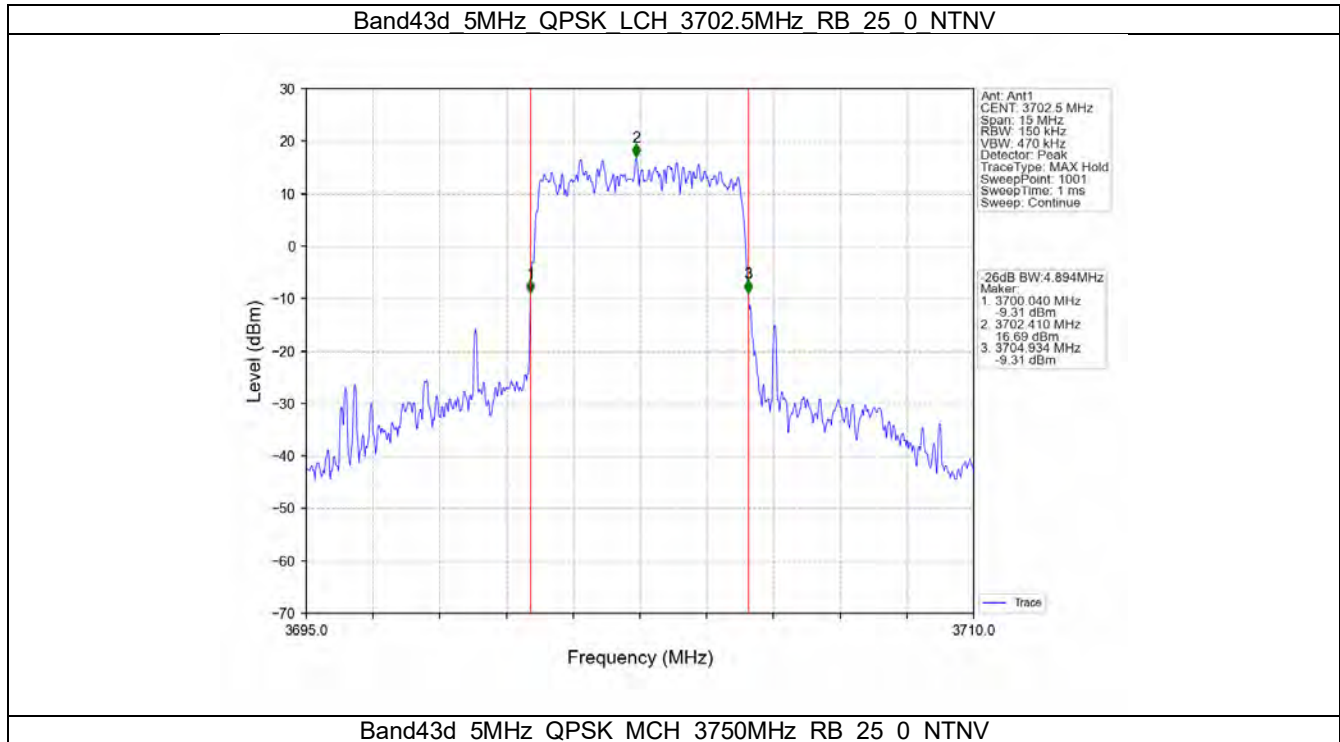
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Report No.: SZCR240100038408

Rev.: 01

Page: 74 of 387

3.2.2 Test Graph



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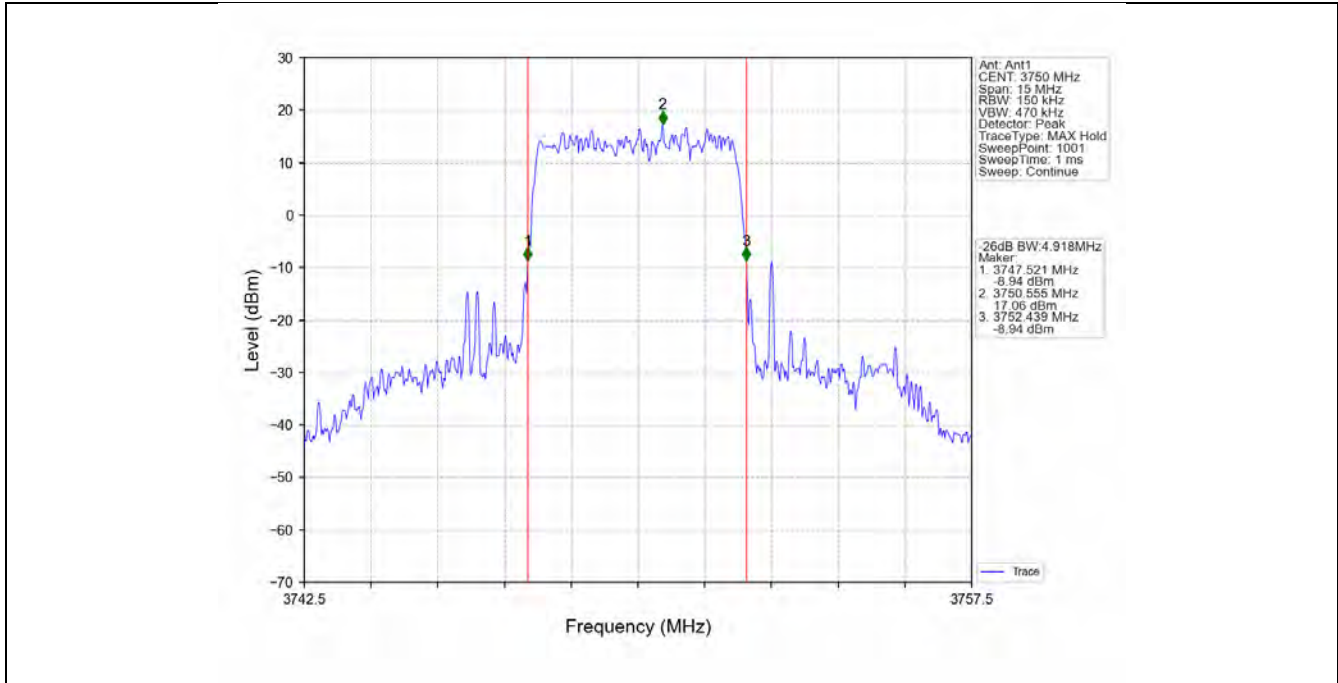


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Report No.: SZCR240100038408

Rev.: 01

Page: 75 of 387



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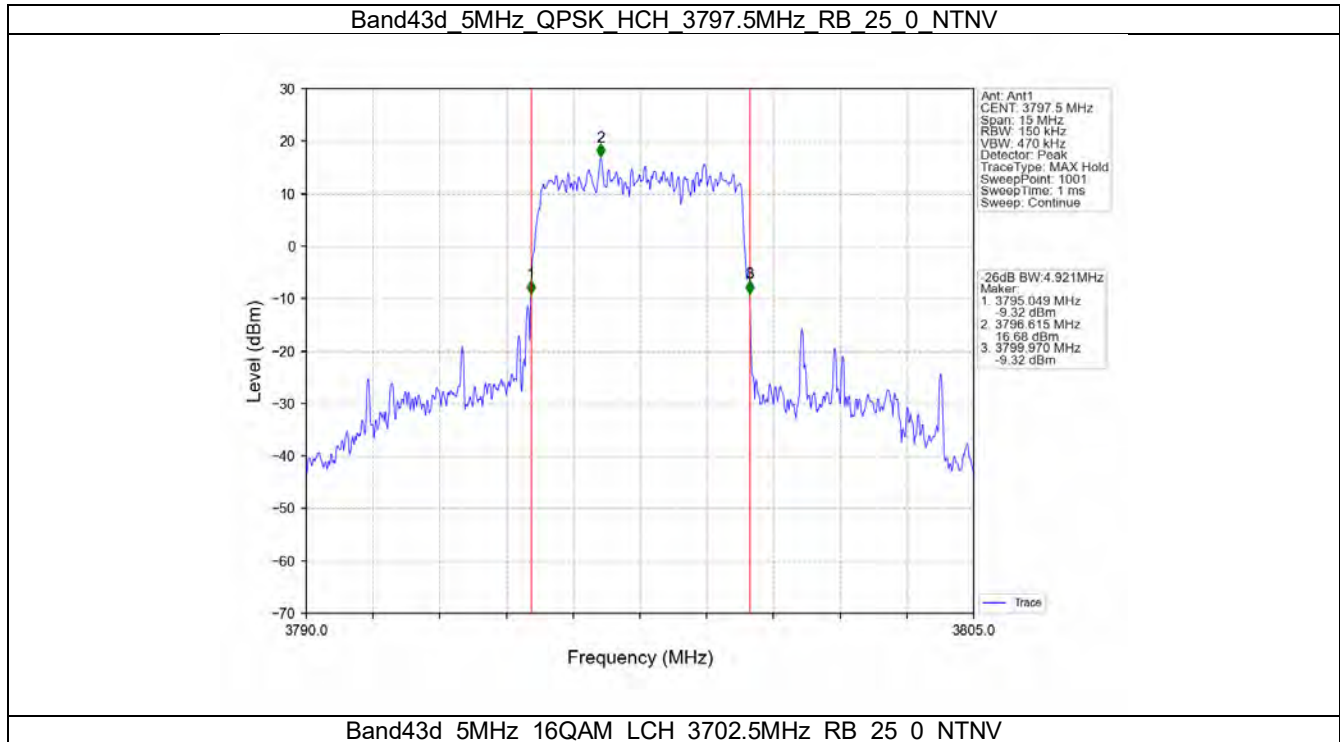


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Report No.: SZCR240100038408

Rev.: 01

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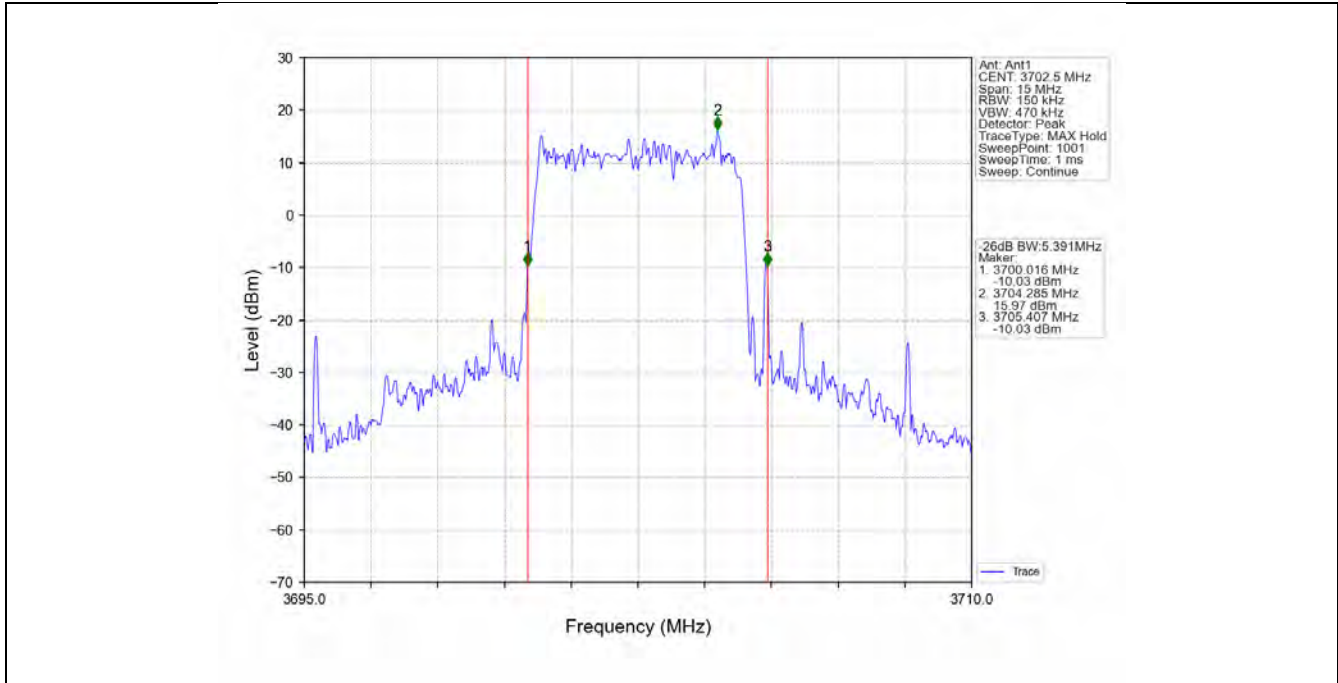


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Rev.: 01

Page: 77 of 387



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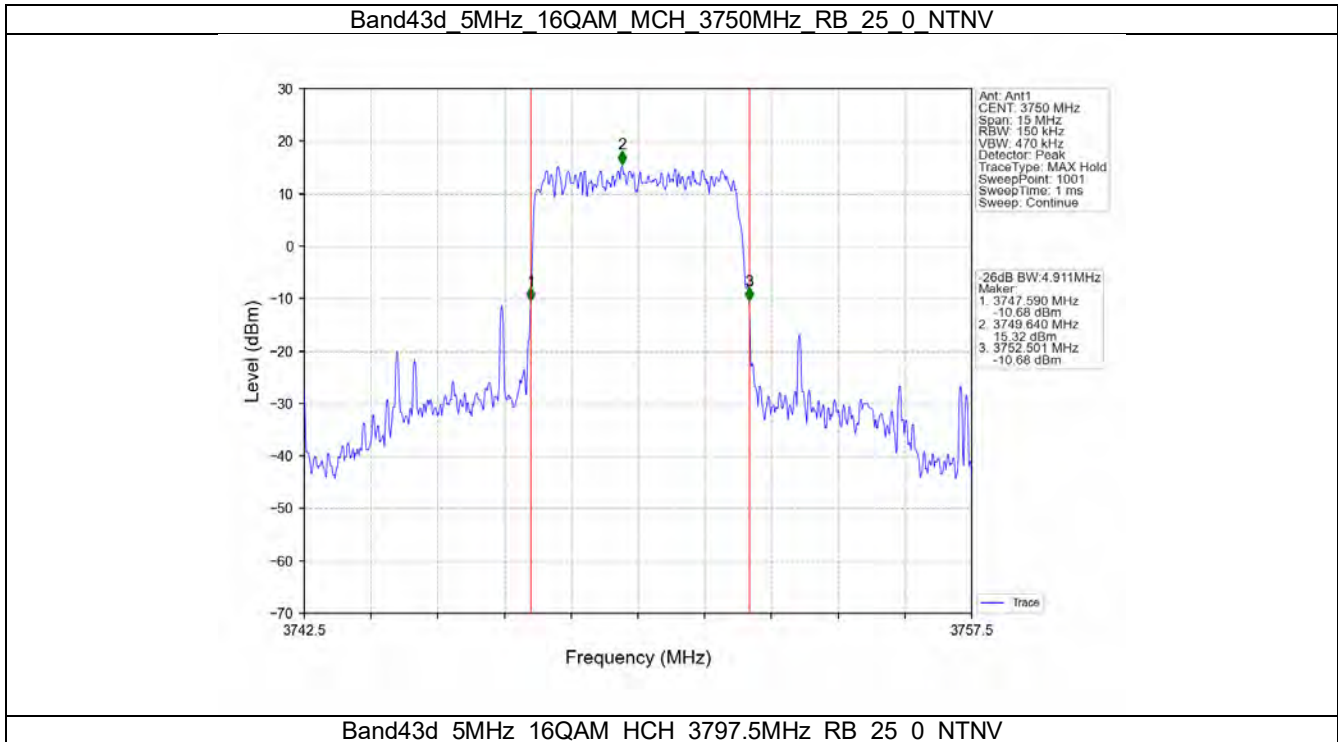


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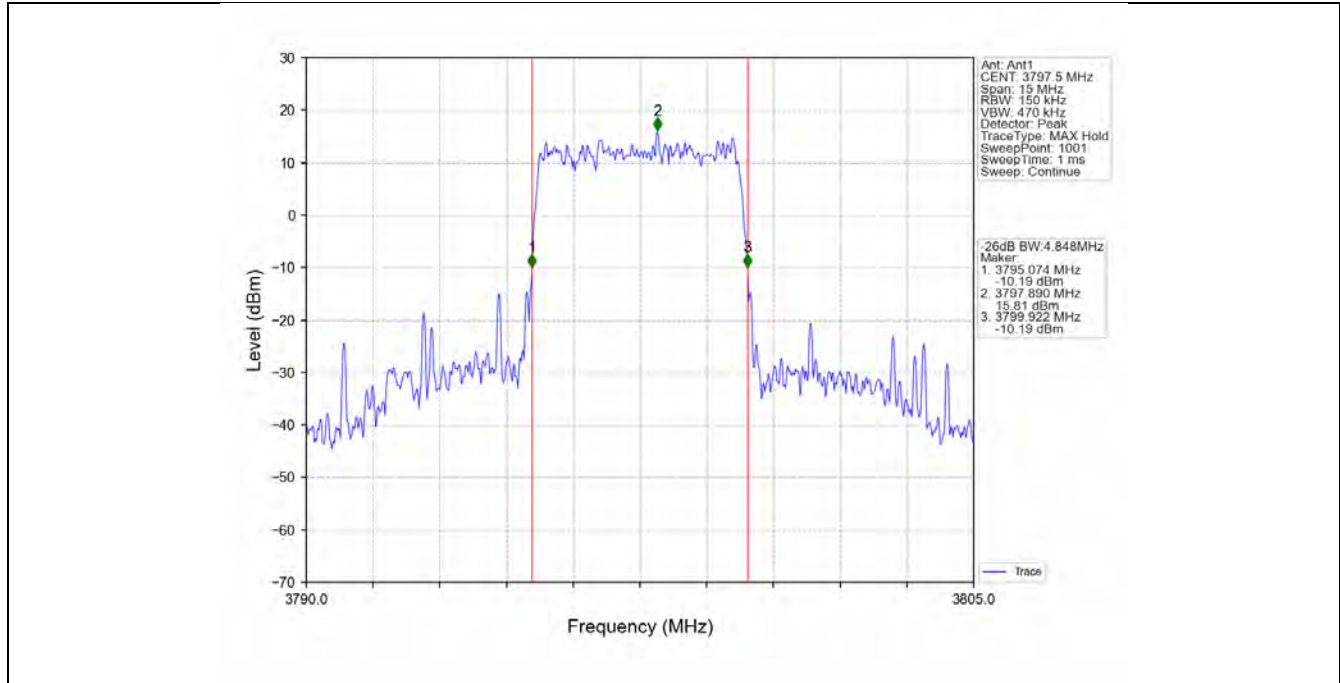


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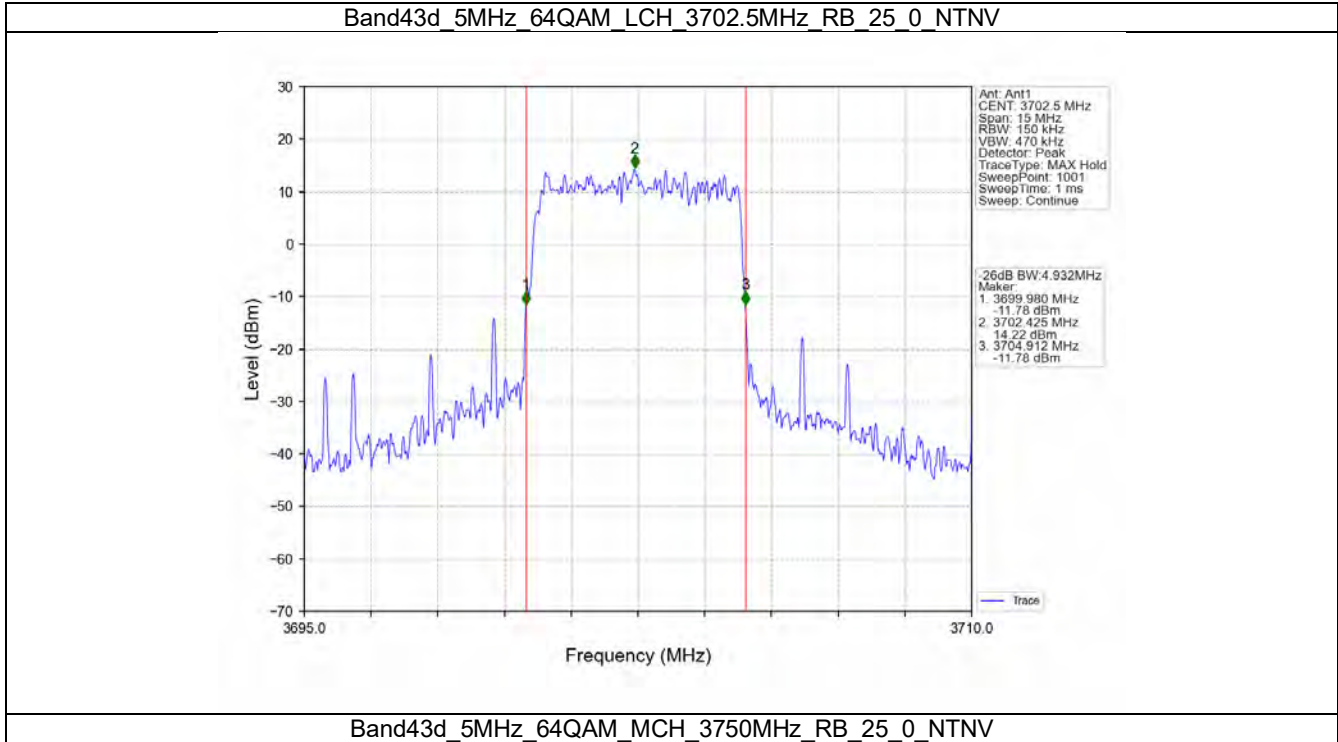


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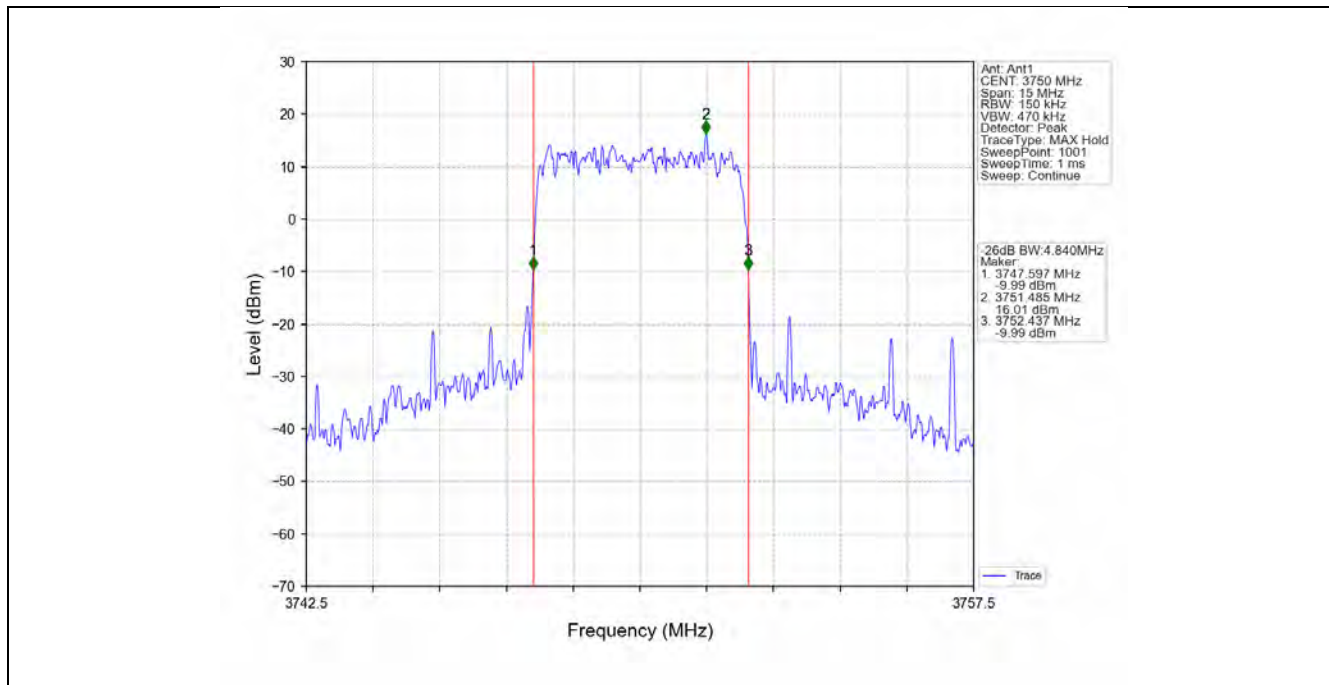
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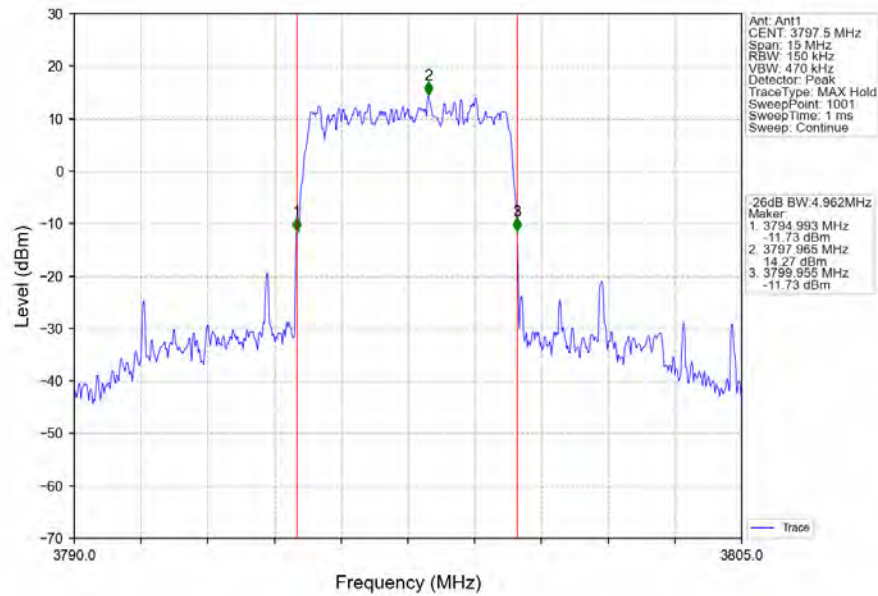
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Report No.: SZCR240100038408

Rev.: 01

Page: 82 of 387

Band43d_5MHz_64QAM_HCH_3797.5MHz_RB_25_0_NTNV



Band43d_5MHz_256QAM_LCH_3702.5MHz_RB_25_0_NTNV



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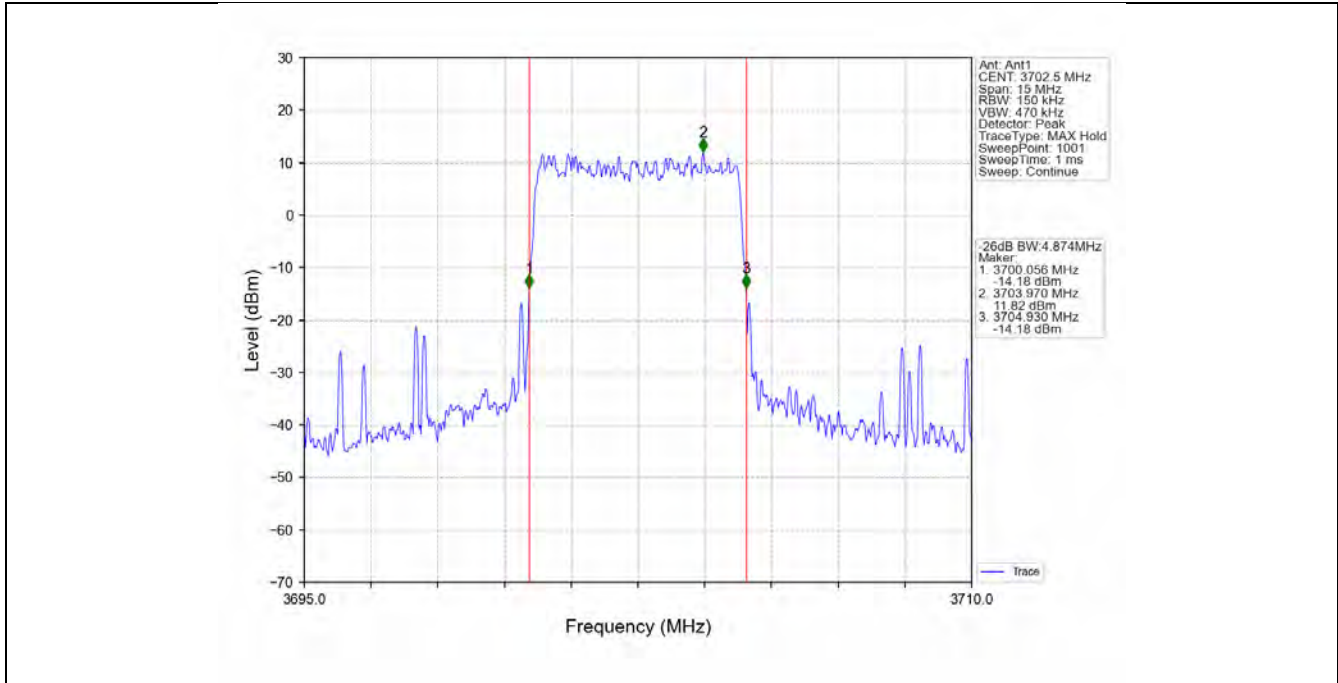


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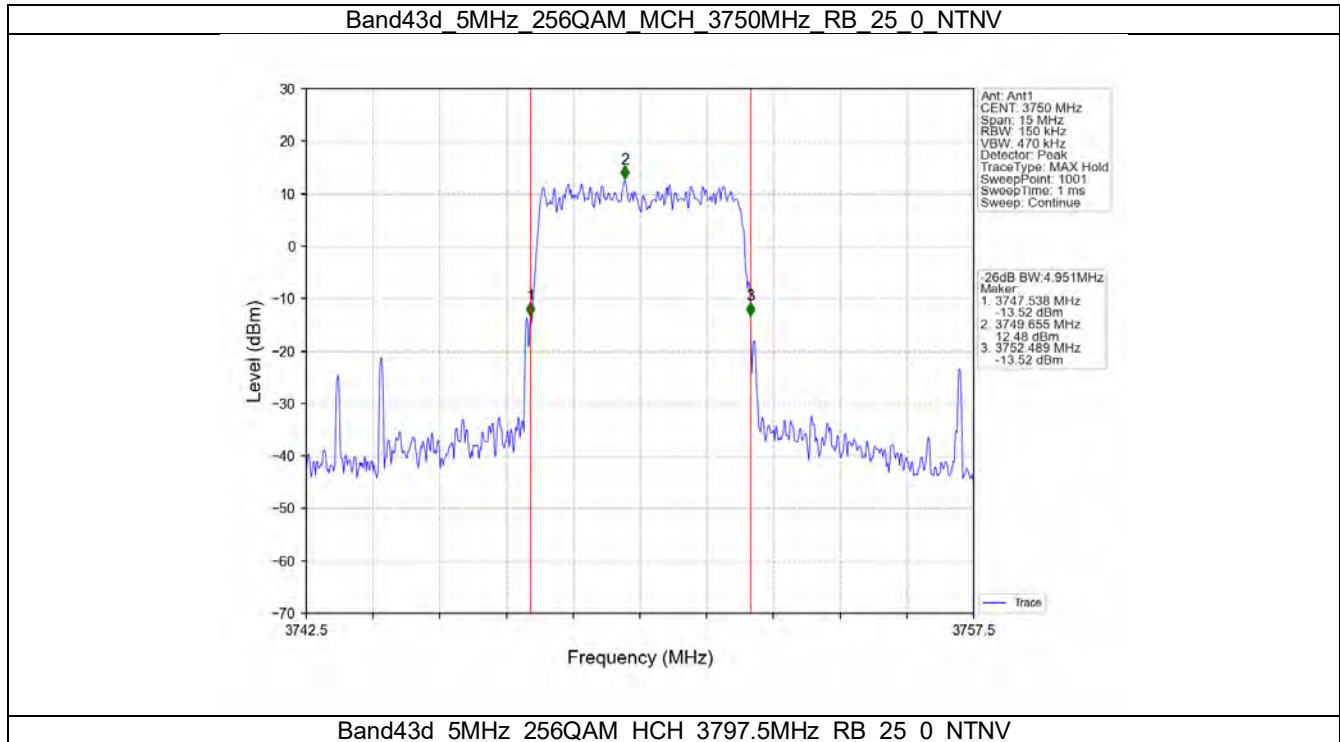


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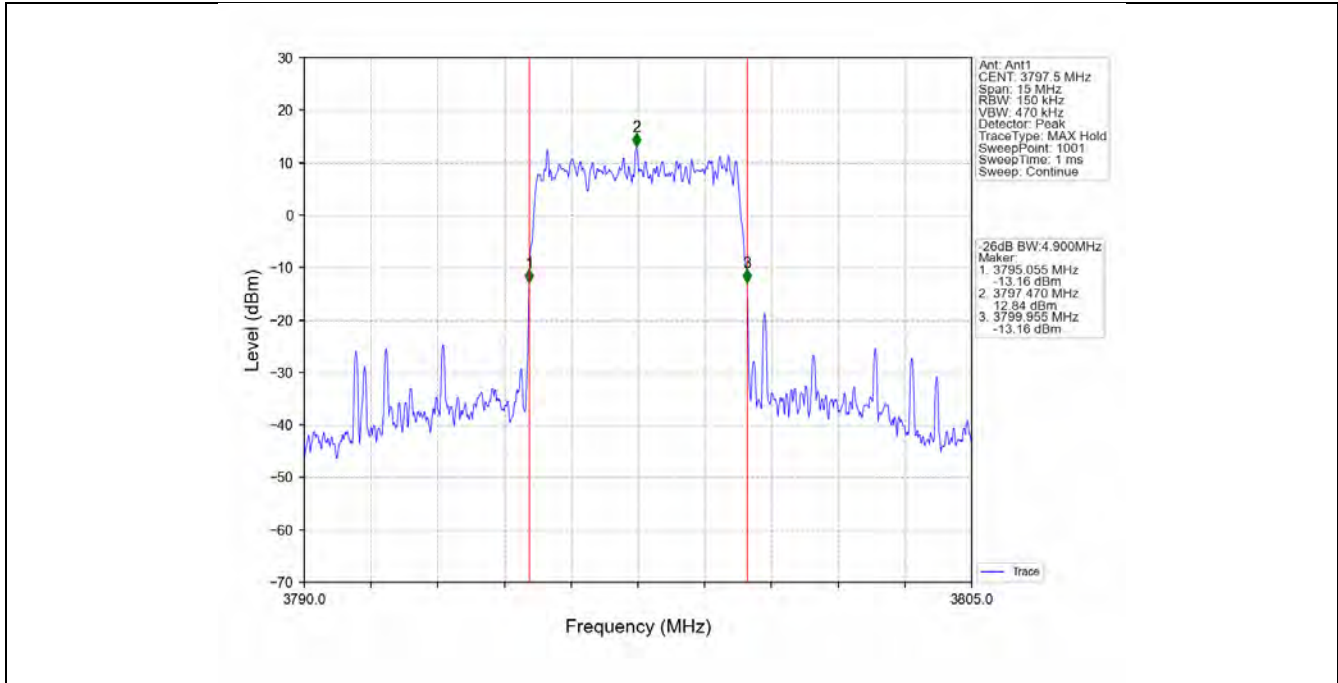


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Report No.: SZCR240100038408

Rev.: 01

Page: 85 of 387



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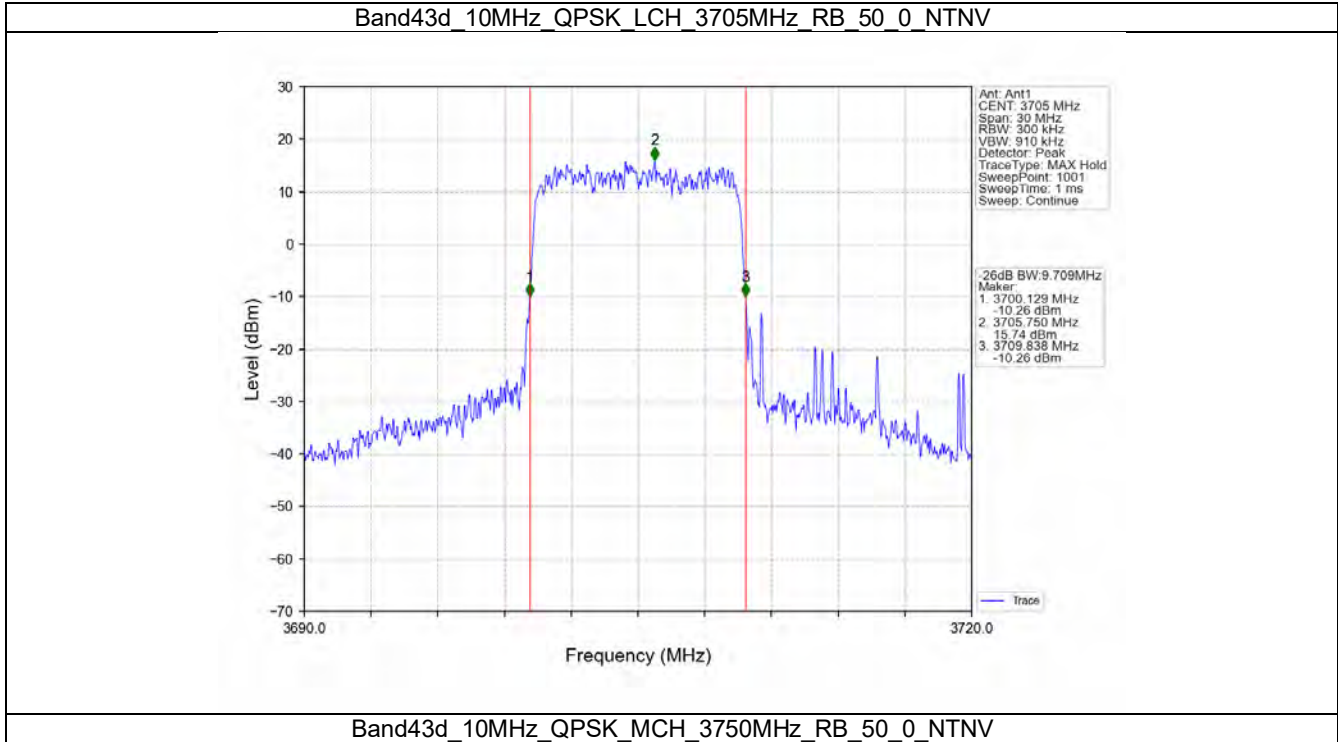


**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408

Rev.: 01

Page: 86 of 387



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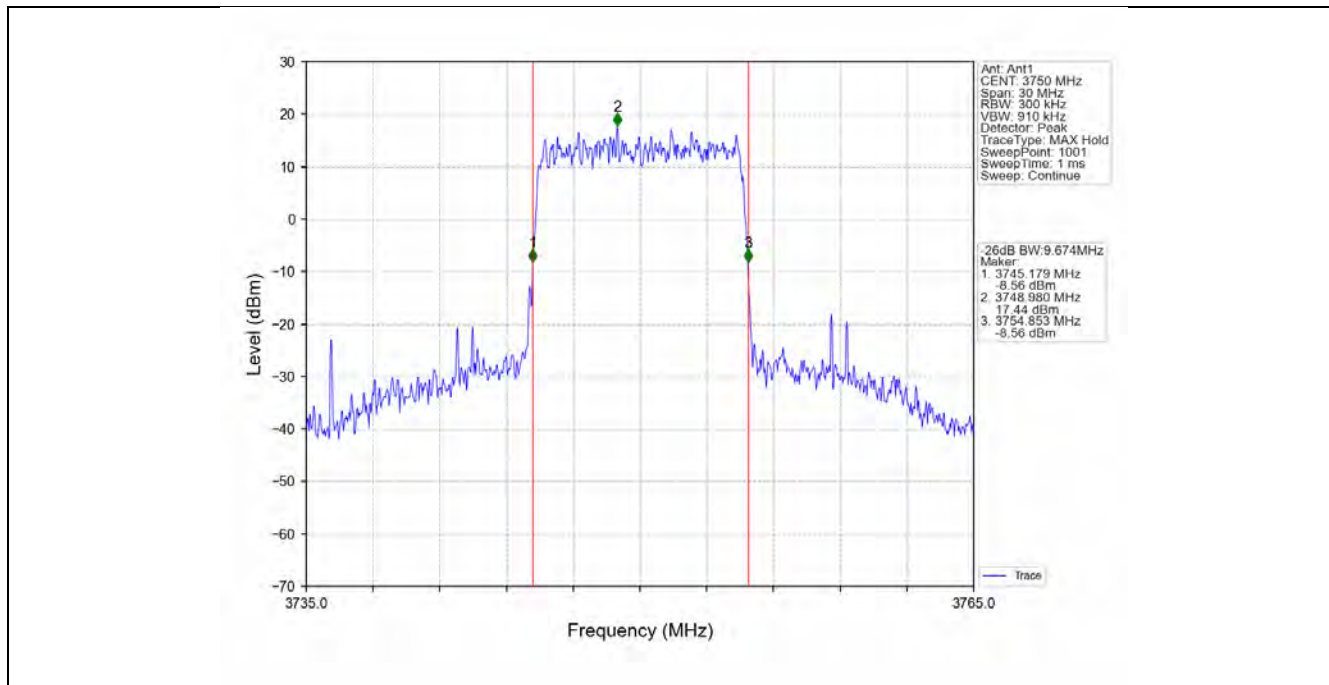
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SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

Report No.: SZCR240100038408
Rev.: 01
Page: 87 of 387



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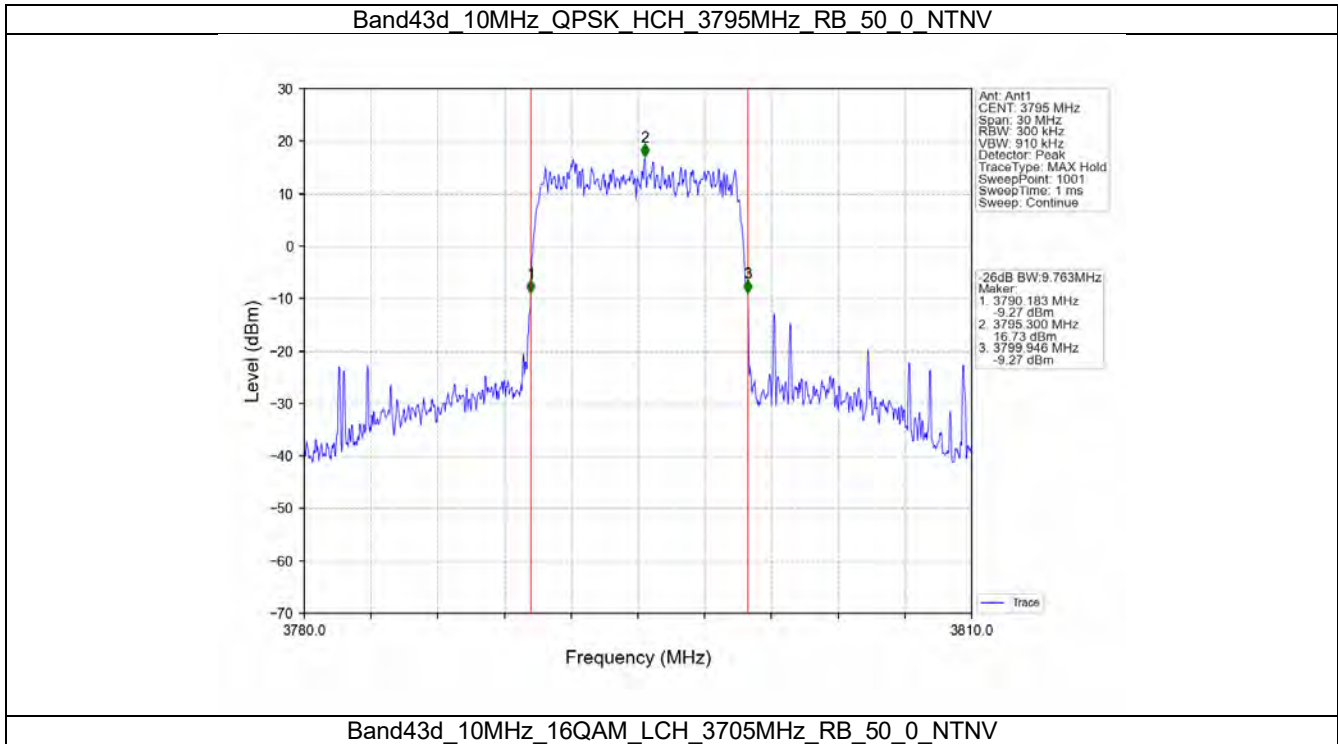


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 88 of 387



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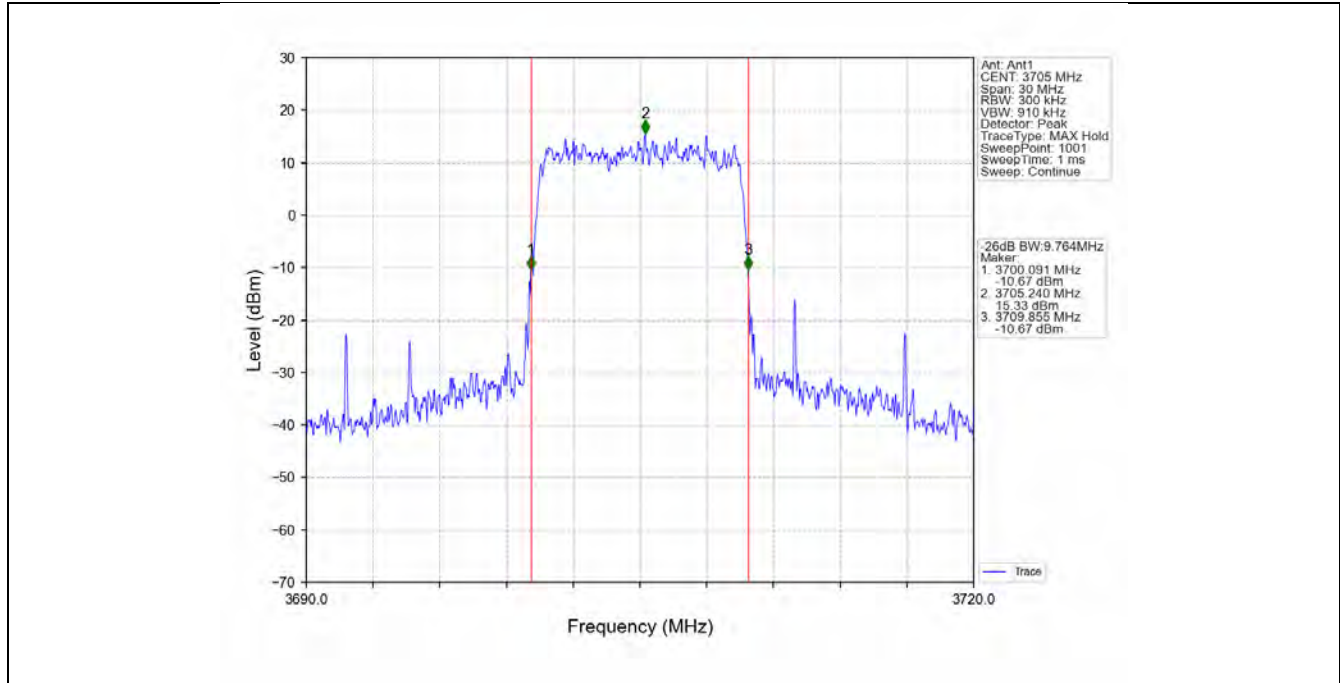


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Report No.: SZCR240100038408

Rev.: 01

Page: 89 of 387



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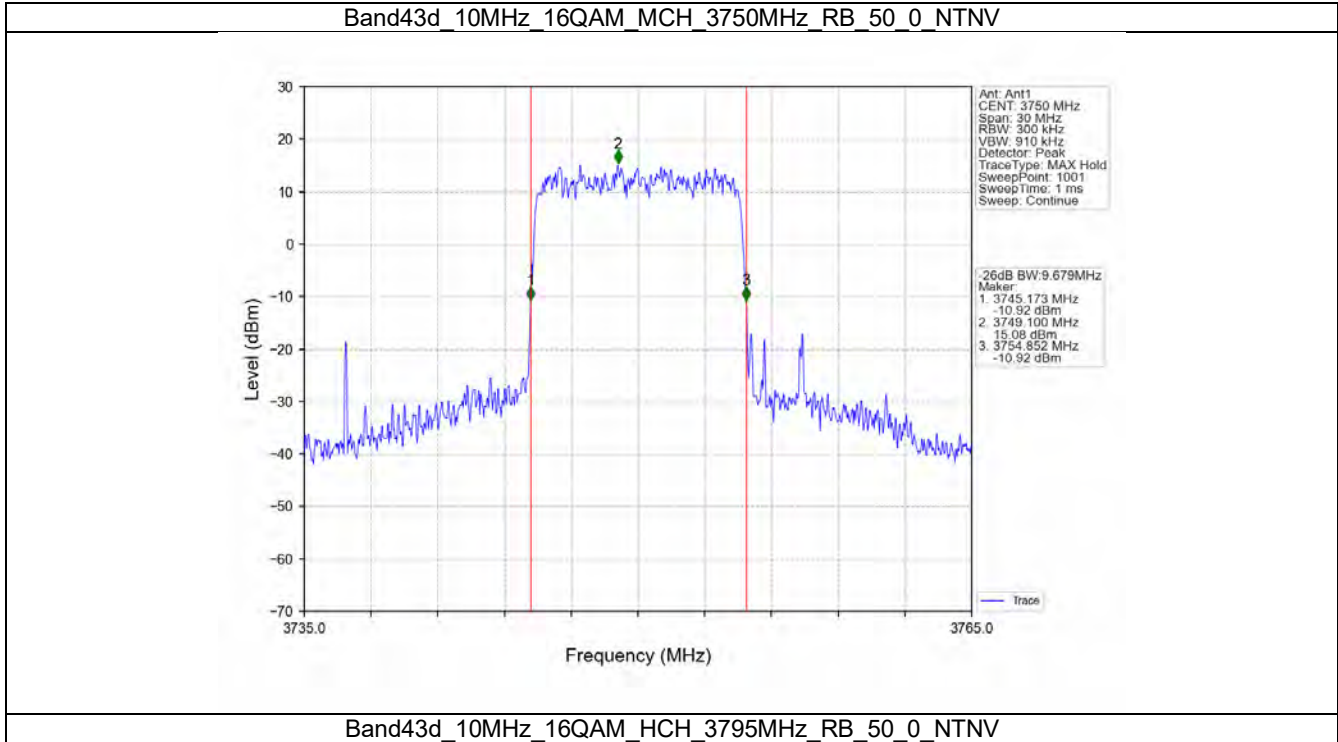


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 90 of 387



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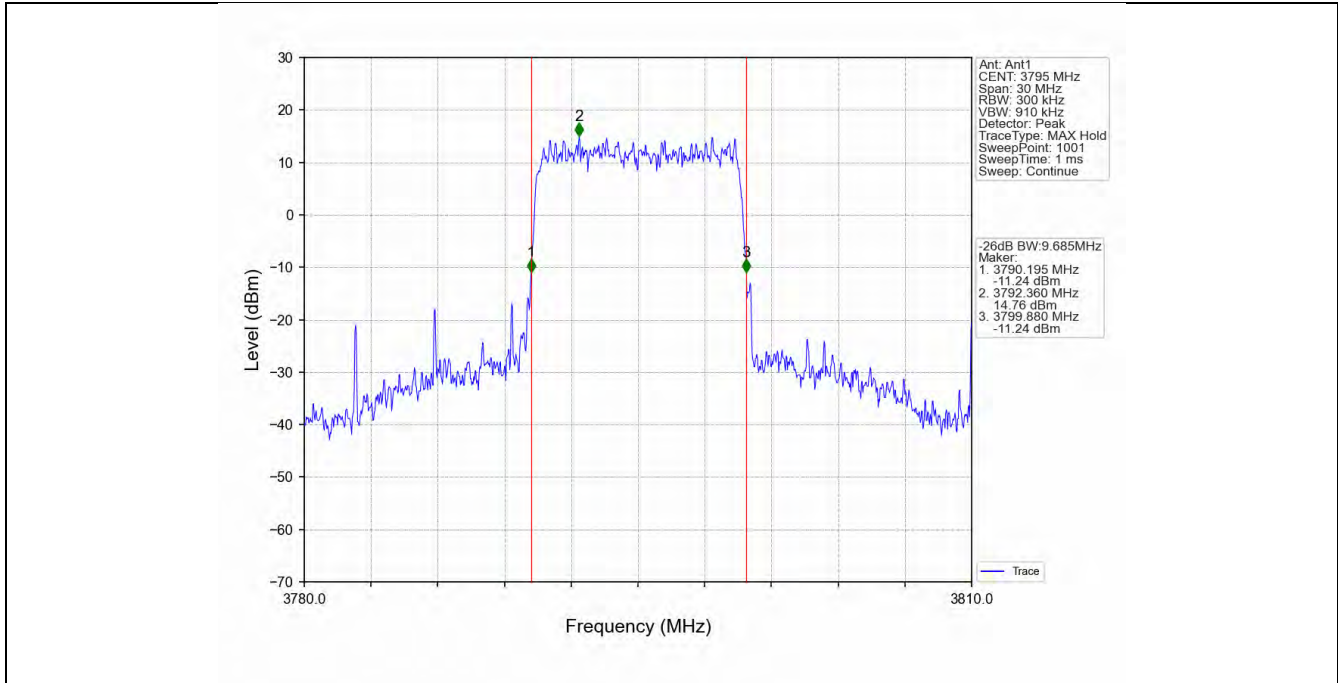


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Report No.: SZCR240100038408

Rev.: 01

Page: 91 of 387



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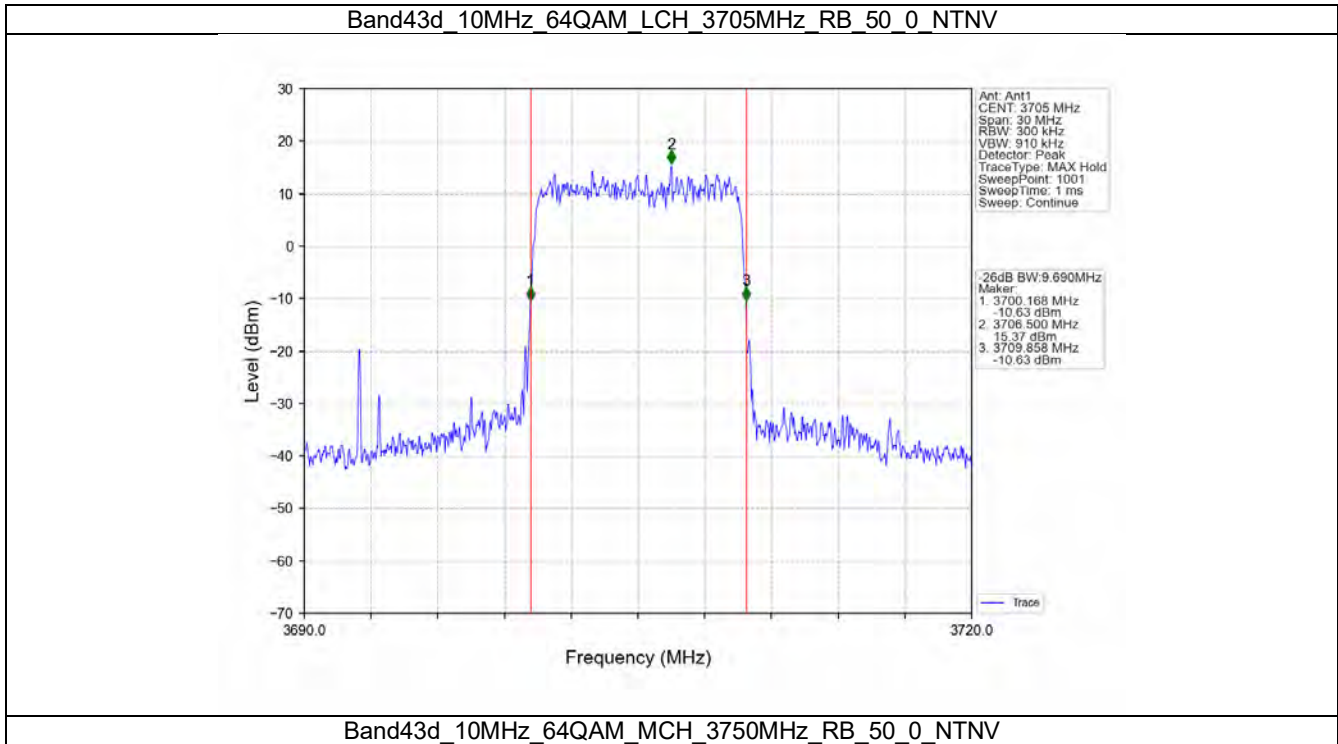


**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408

Rev.: 01

Page: 92 of 387



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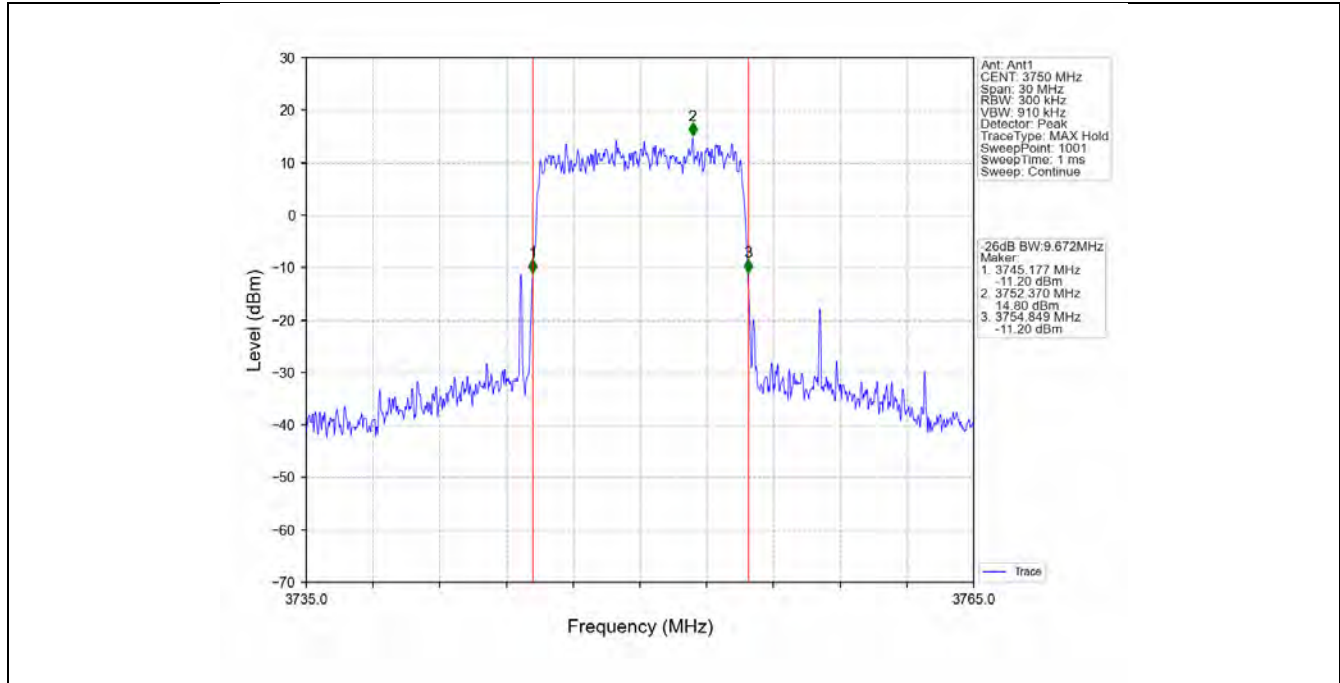


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Report No.: SZCR240100038408

Rev.: 01

Page: 93 of 387



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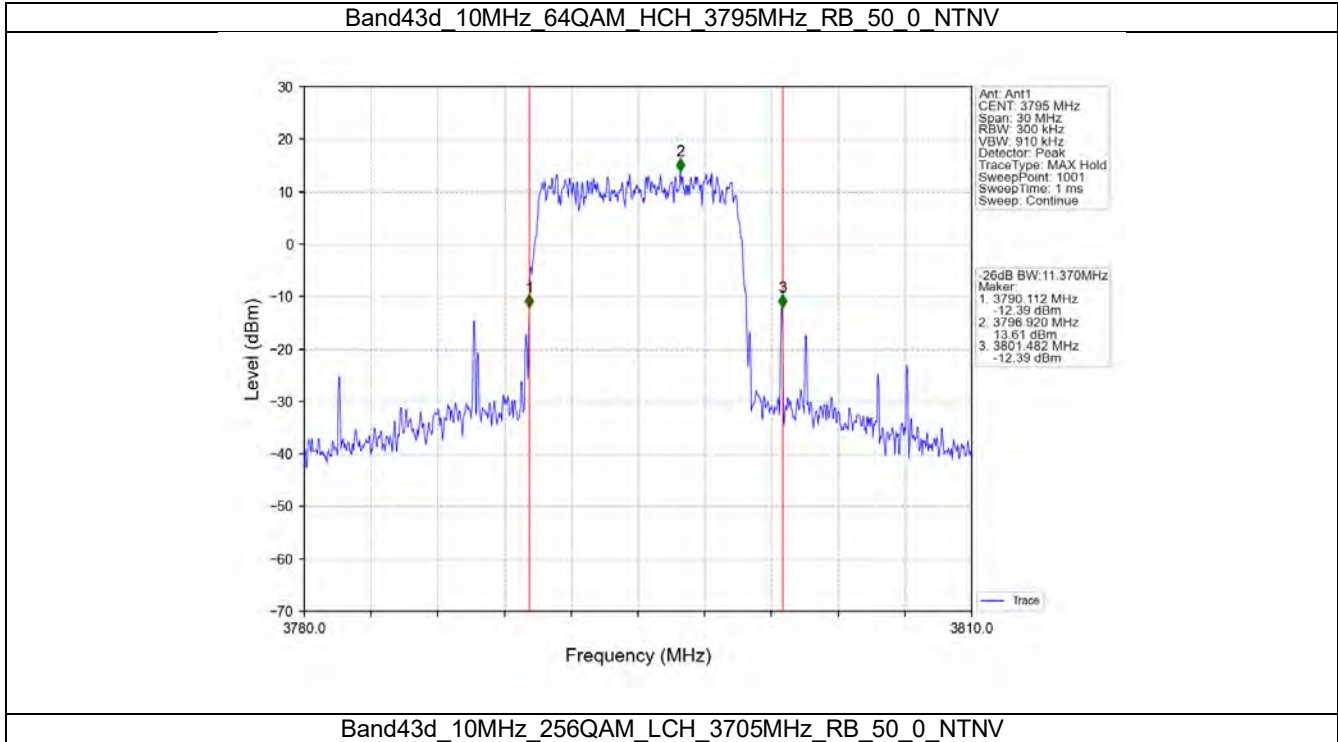


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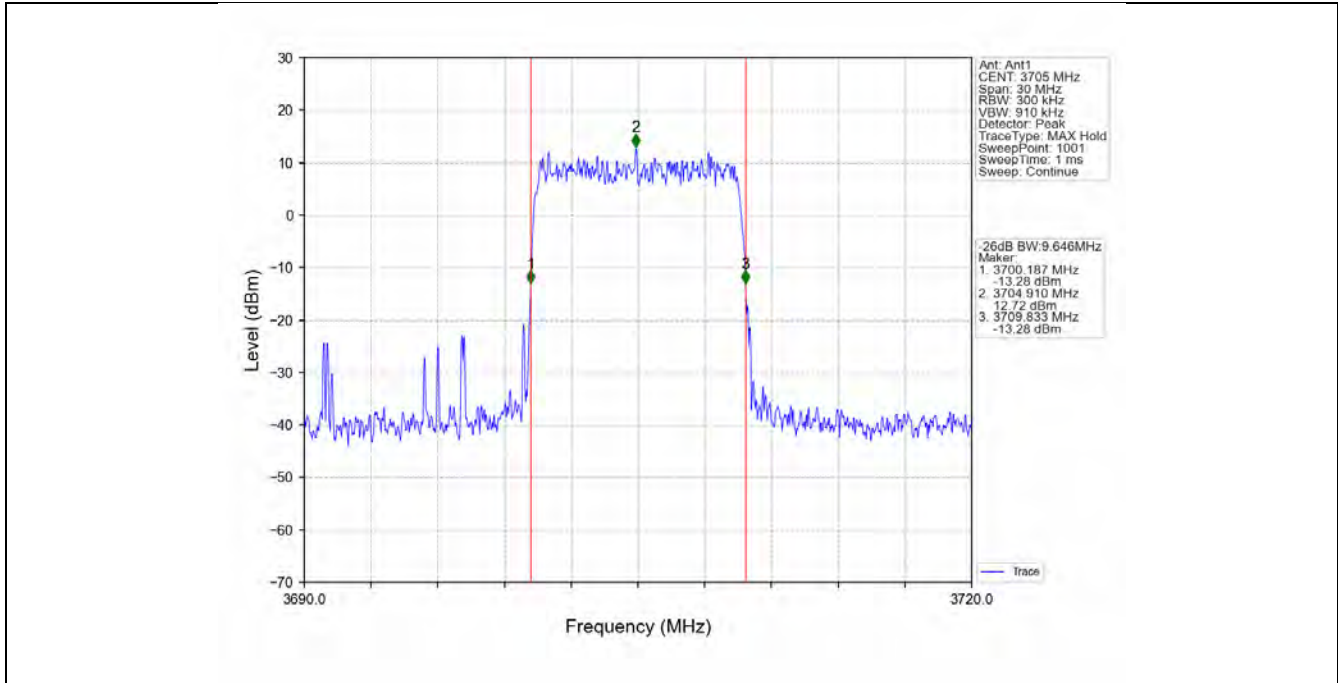


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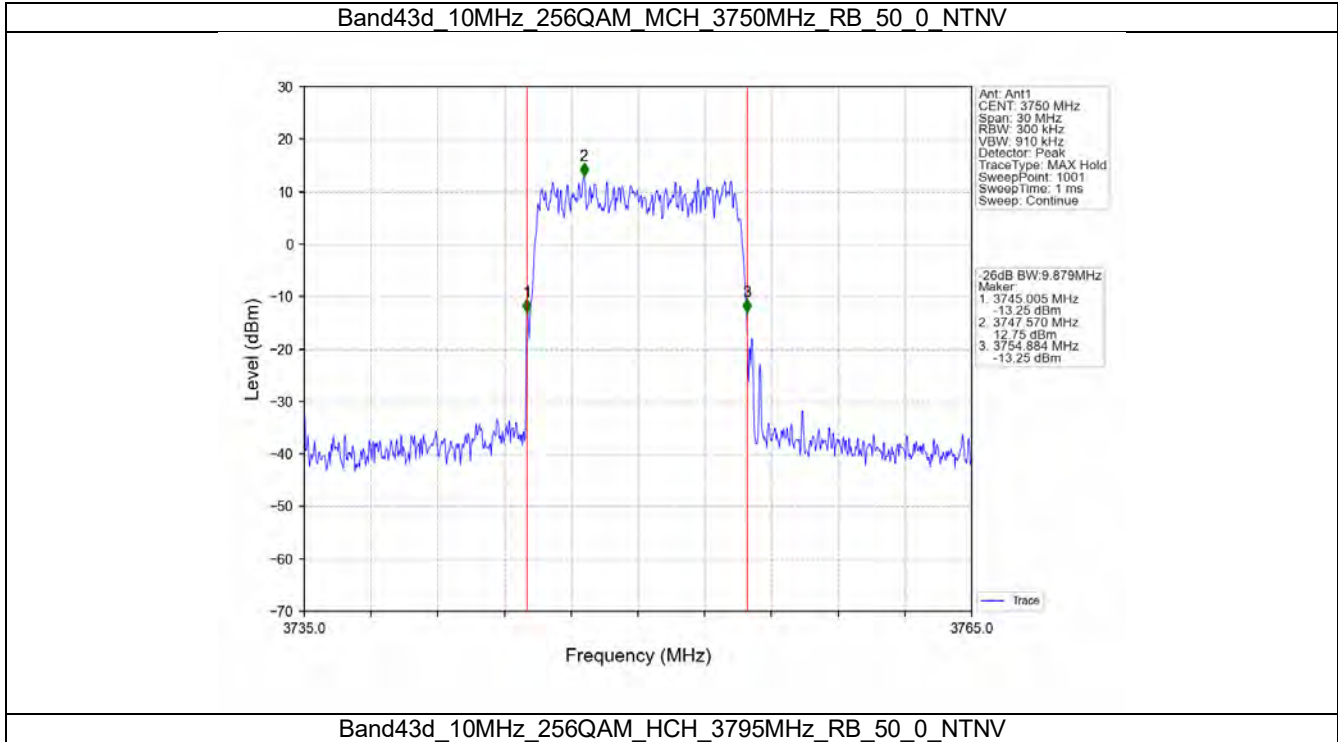


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Report No.: SZCR240100038408

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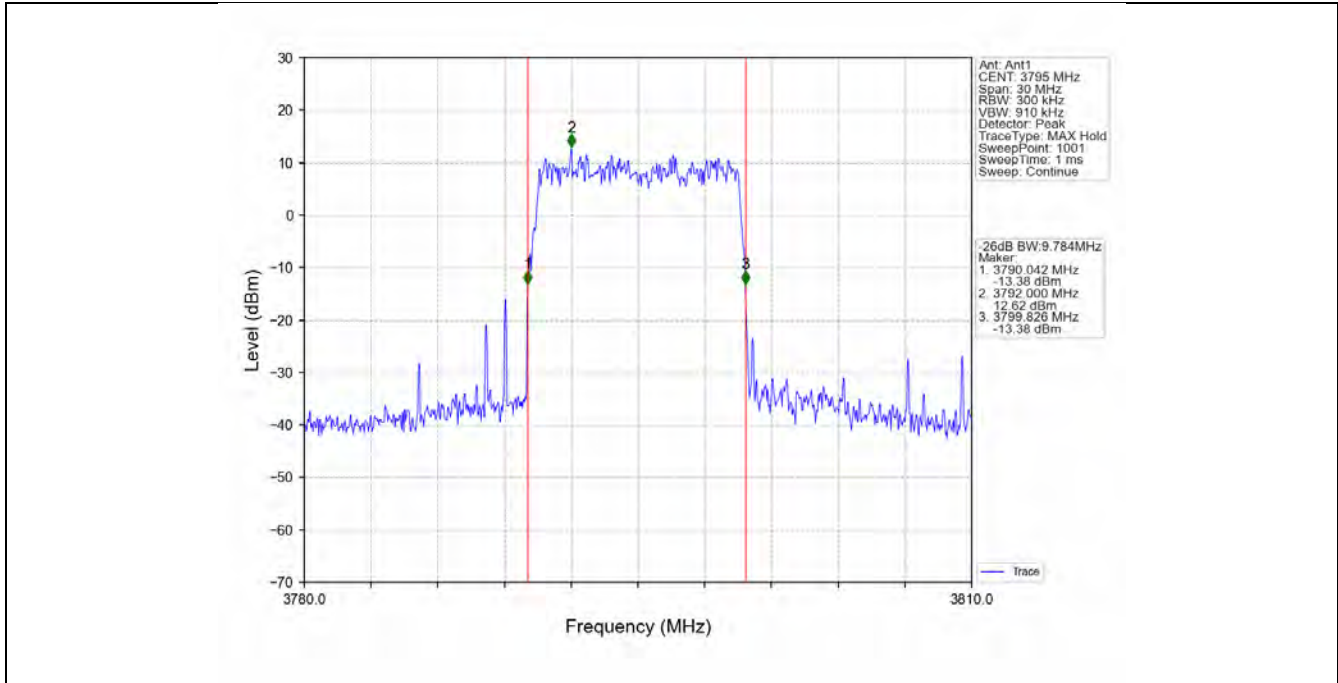


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Report No.: SZCR240100038408

Rev.: 01

Page: 97 of 387



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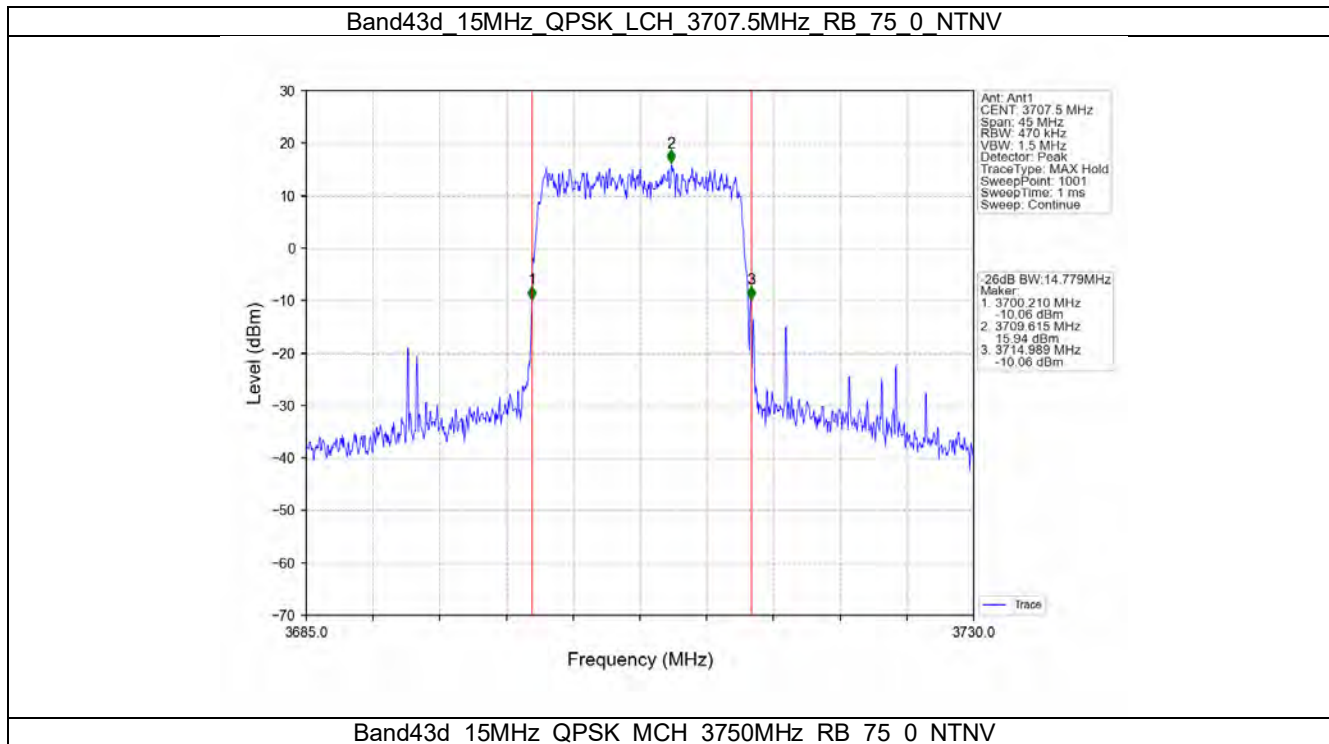
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Report No.: SZCR240100038408
Rev.: 01
Page: 98 of 387



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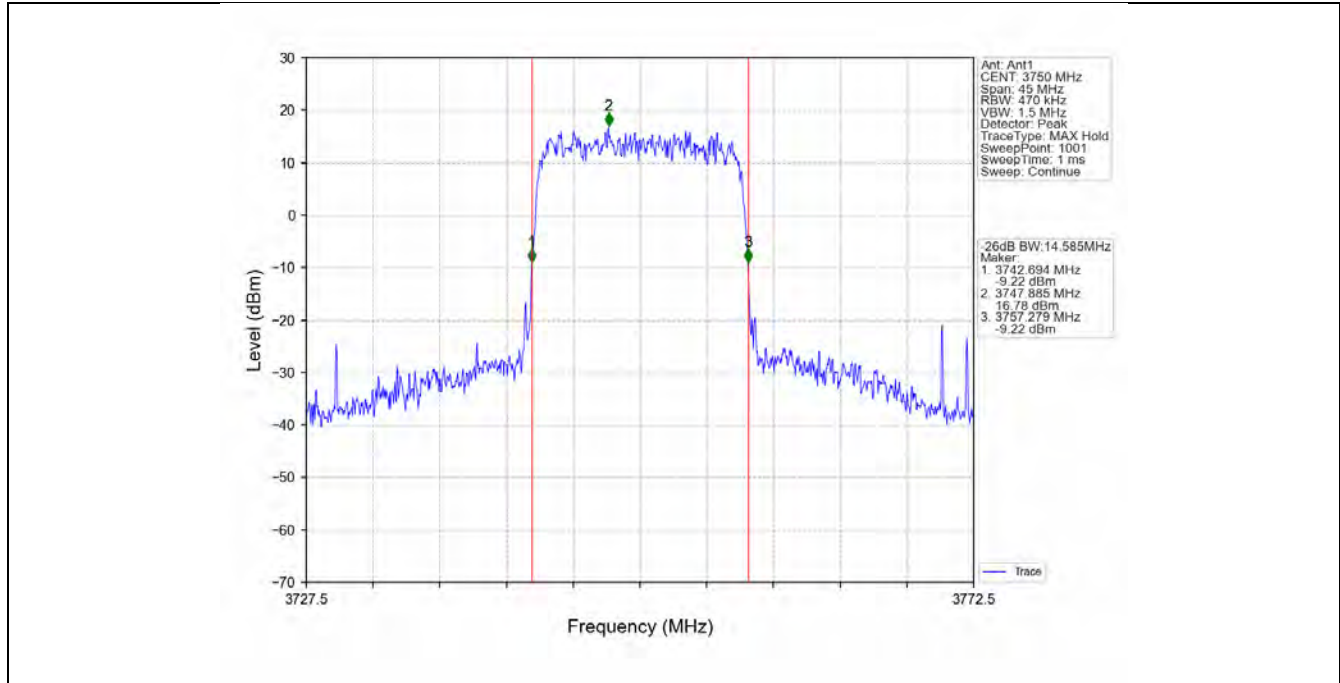


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Report No.: SZCR240100038408

Rev.: 01

Page: 99 of 387



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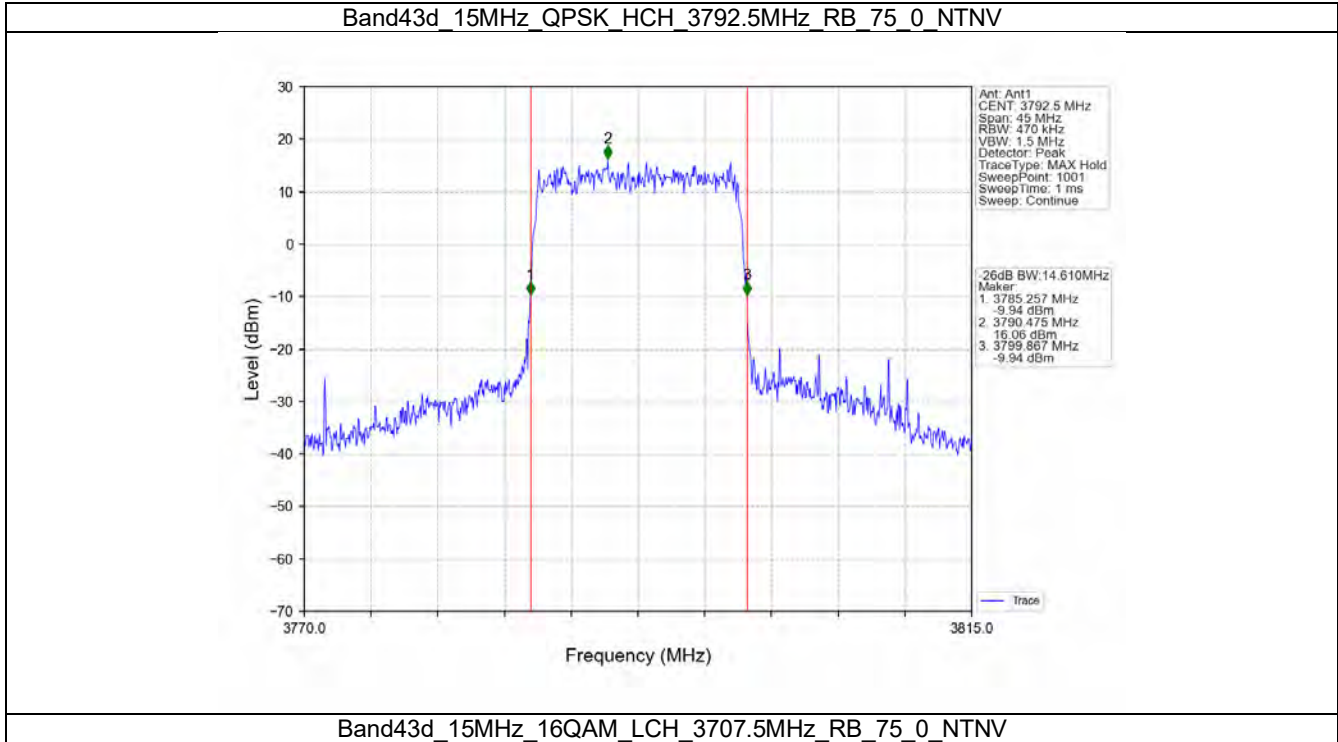


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Report No.: SZCR240100038408

Rev.: 01

Page: 100 of 387



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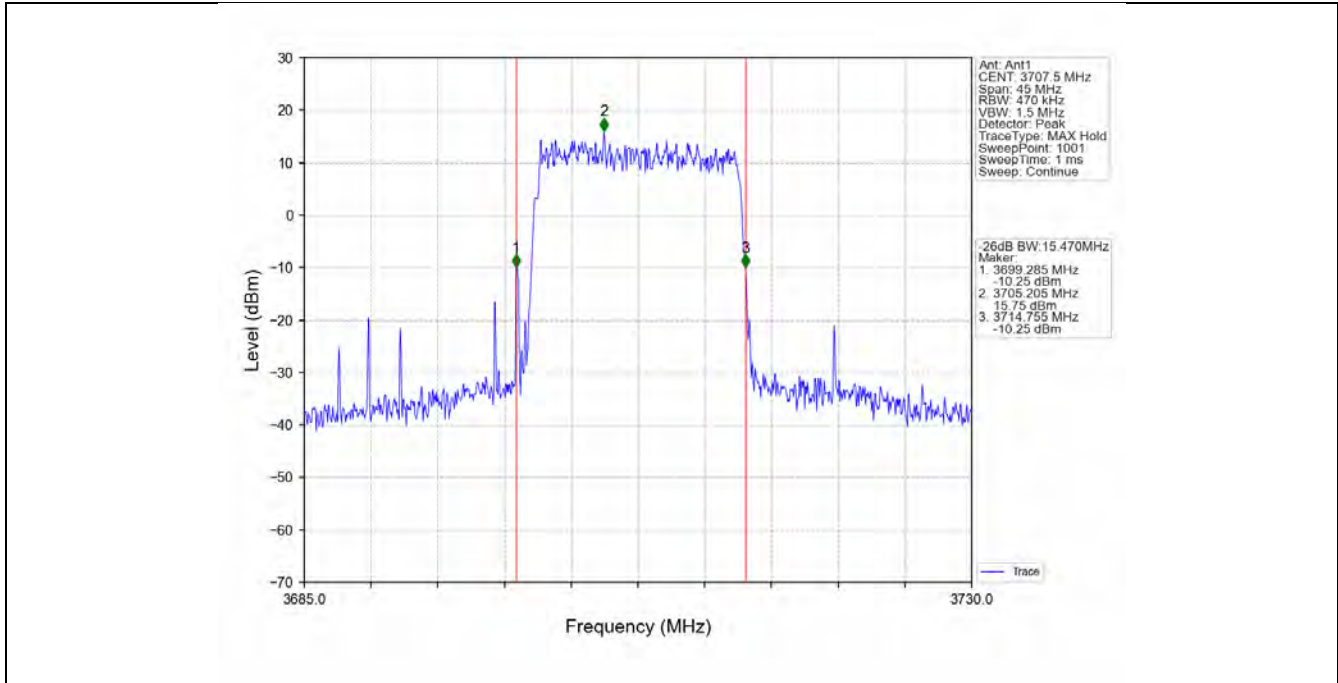


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Report No.: SZCR240100038408

Rev.: 01

Page: 101 of 387



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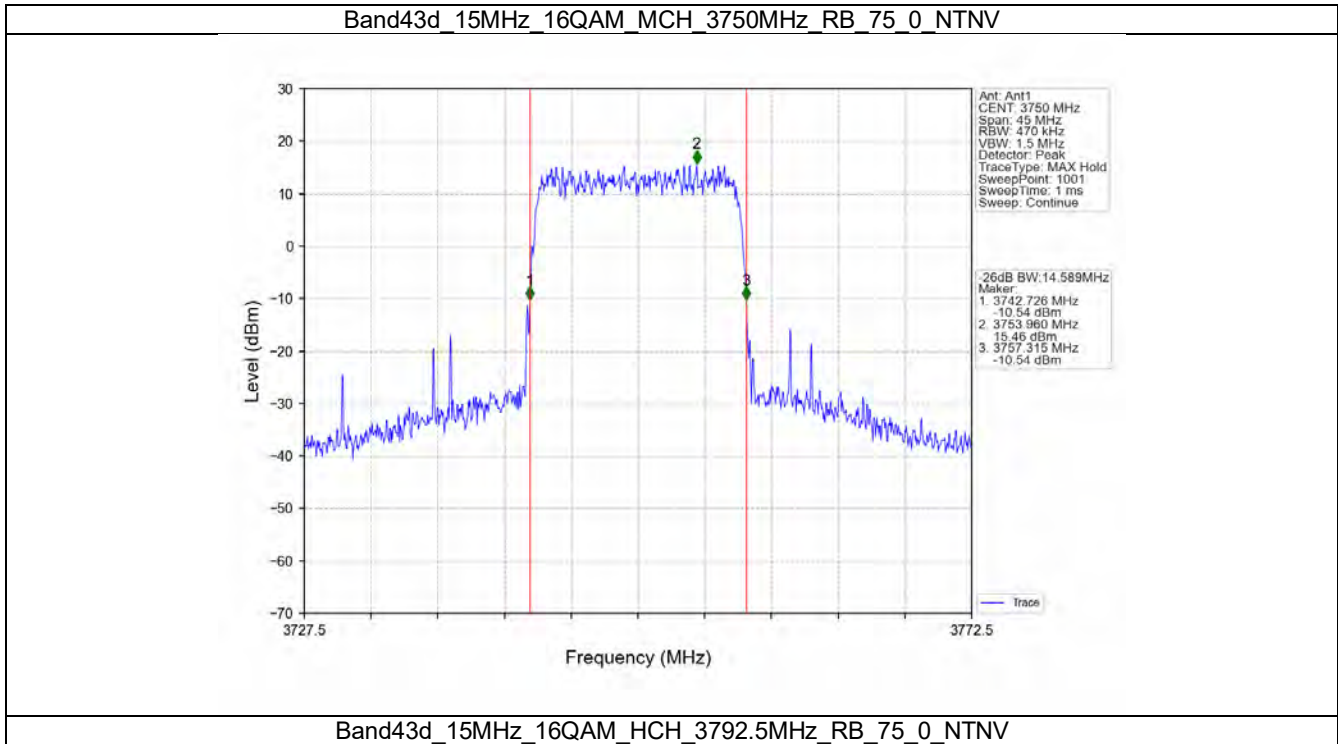


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Report No.: SZCR240100038408

Rev.: 01

Page: 102 of 387



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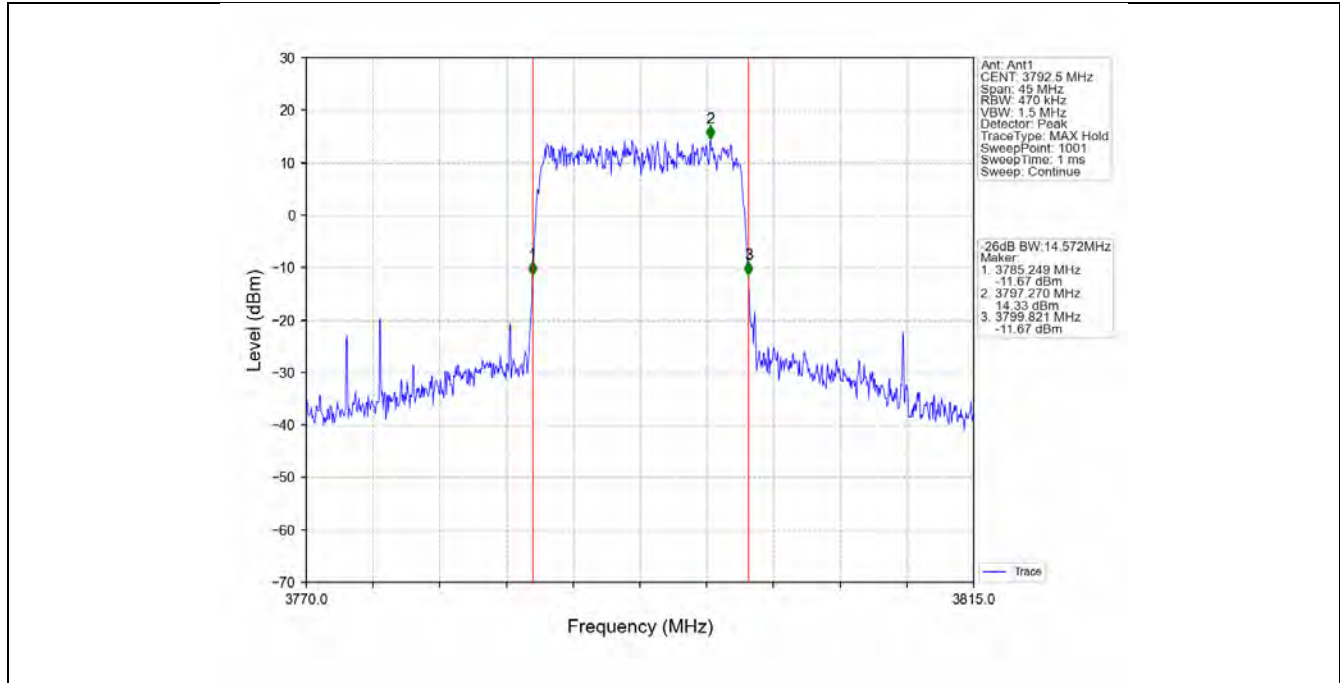


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Report No.: SZCR240100038408

Rev.: 01

Page: 103 of 387



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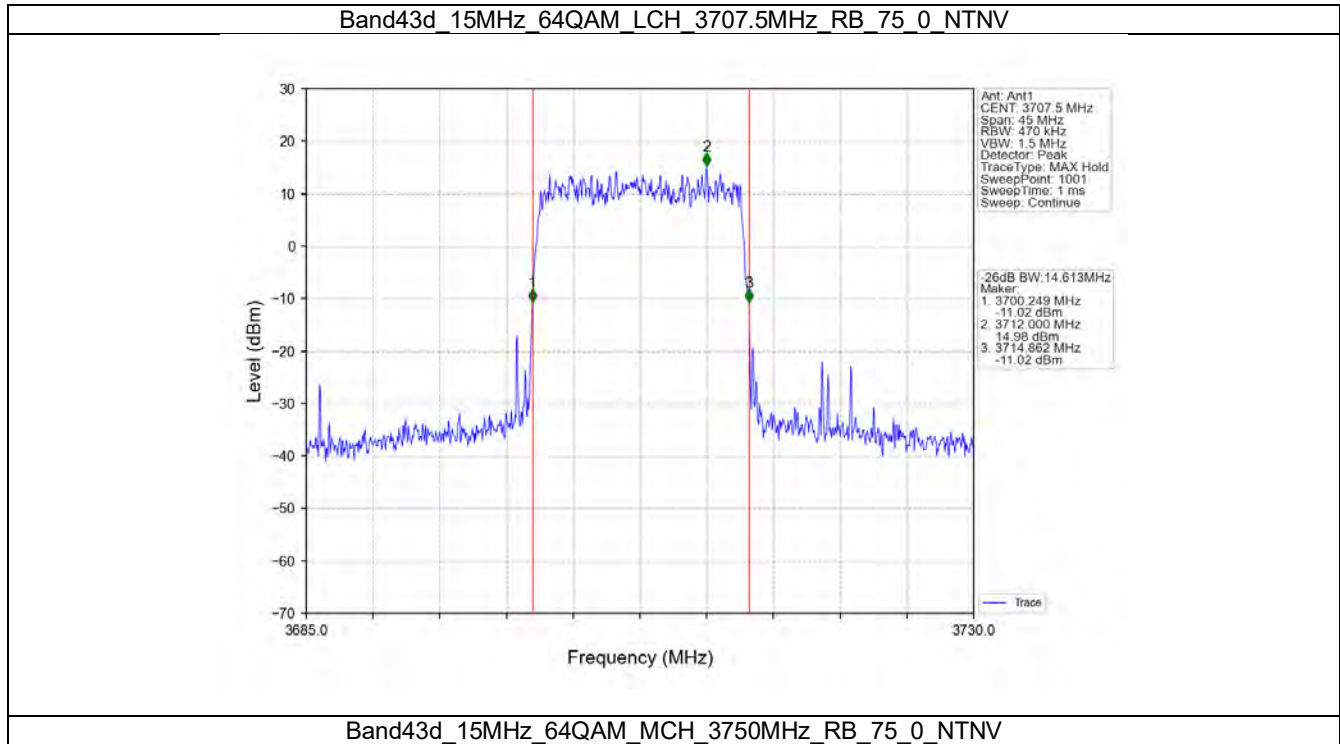


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Report No.: SZCR240100038408

Rev.: 01

Page: 104 of 387



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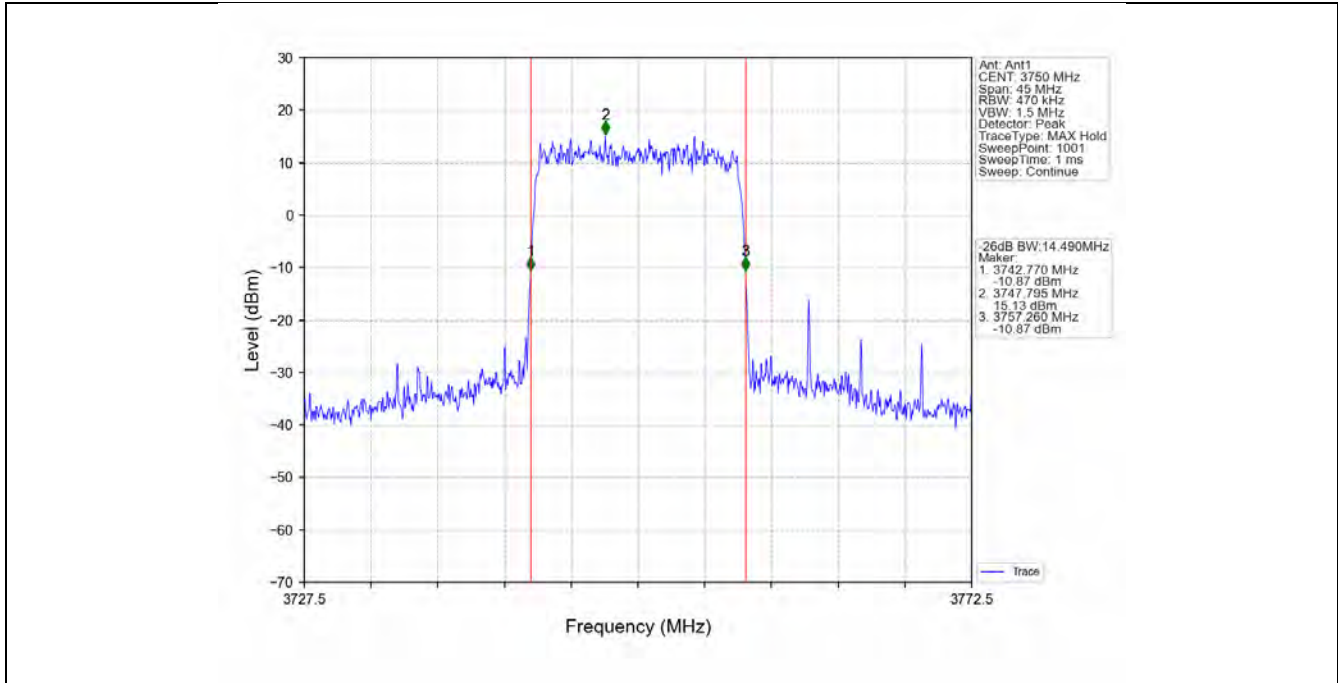


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Report No.: SZCR240100038408

Rev.: 01

Page: 105 of 387



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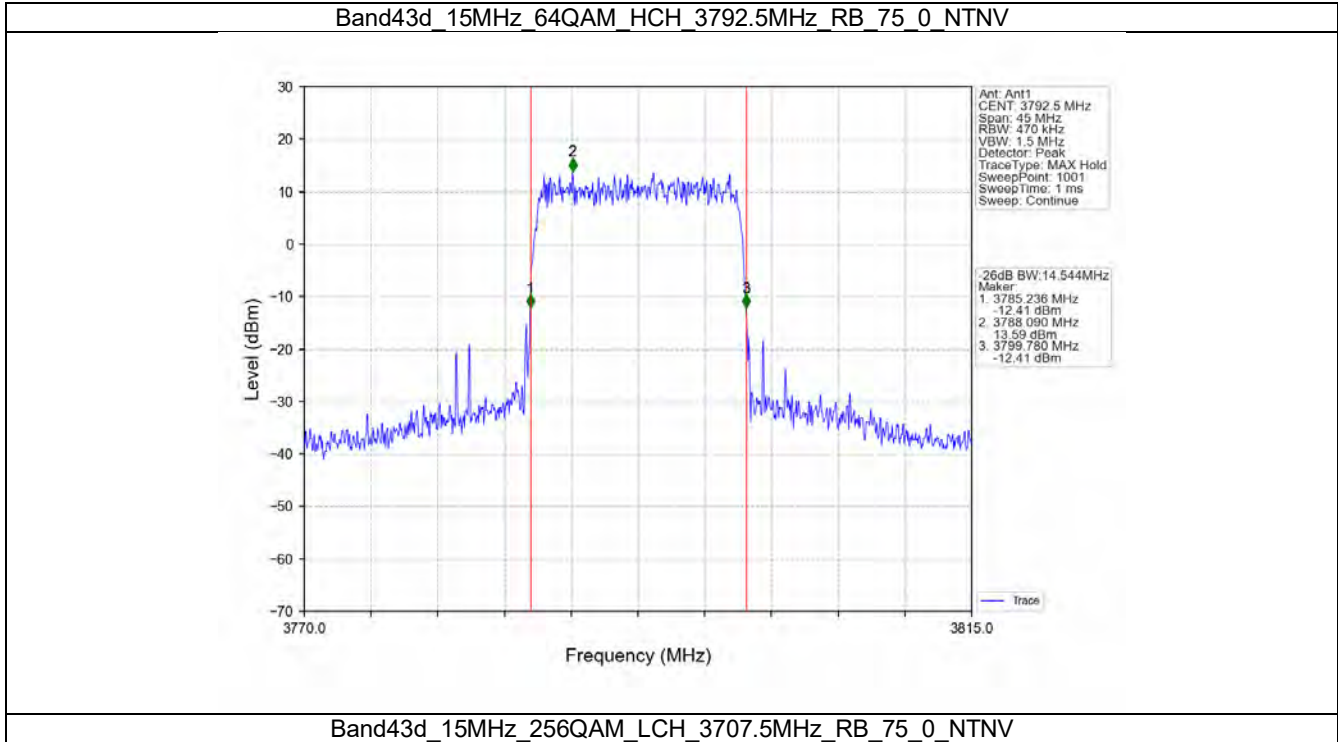


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Report No.: SZCR240100038408

Rev.: 01

Page: 106 of 387



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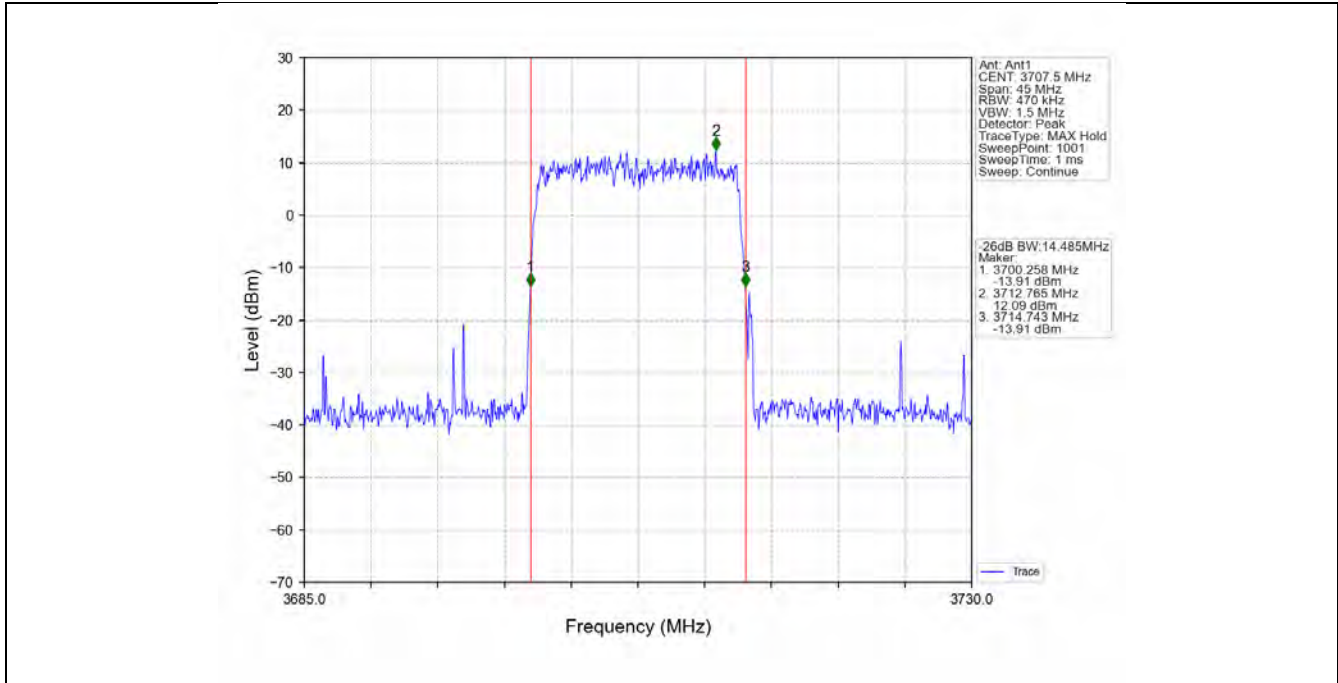


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Report No.: SZCR240100038408

Rev.: 01

Page: 107 of 387



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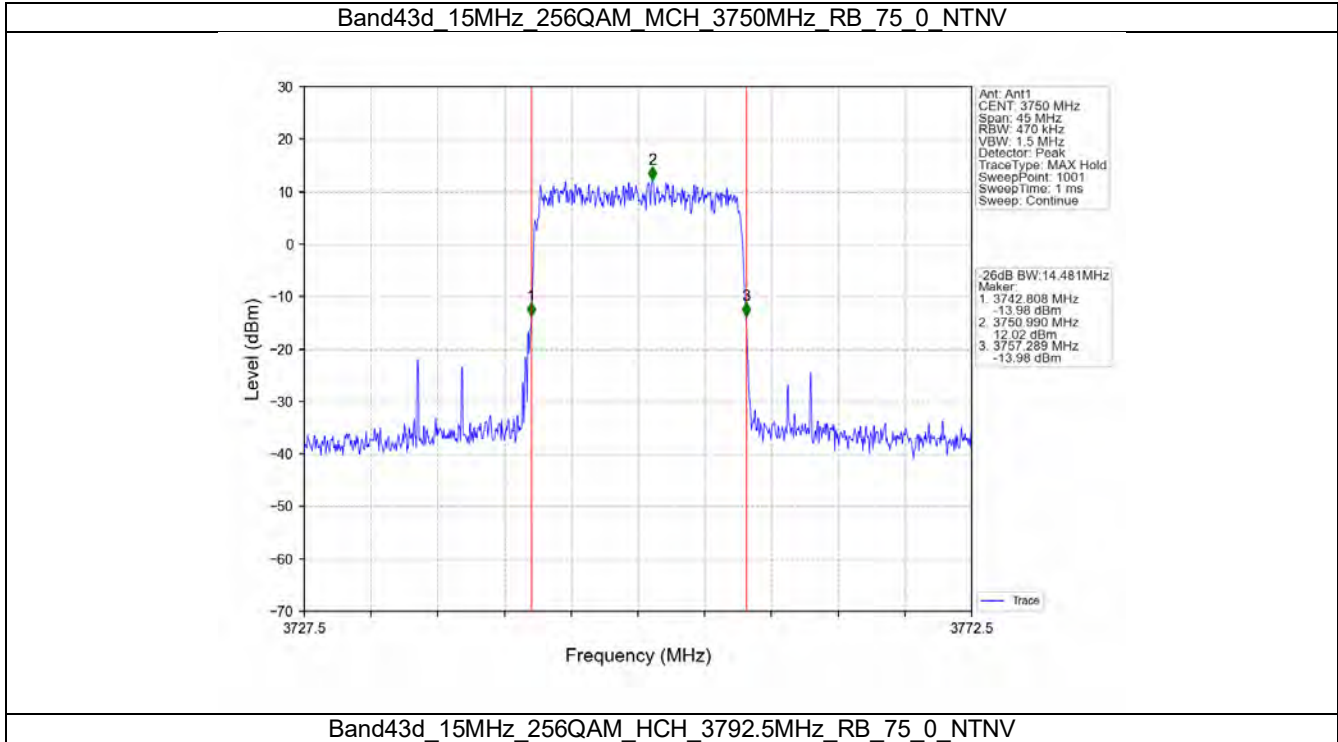


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Report No.: SZCR240100038408

Rev.: 01

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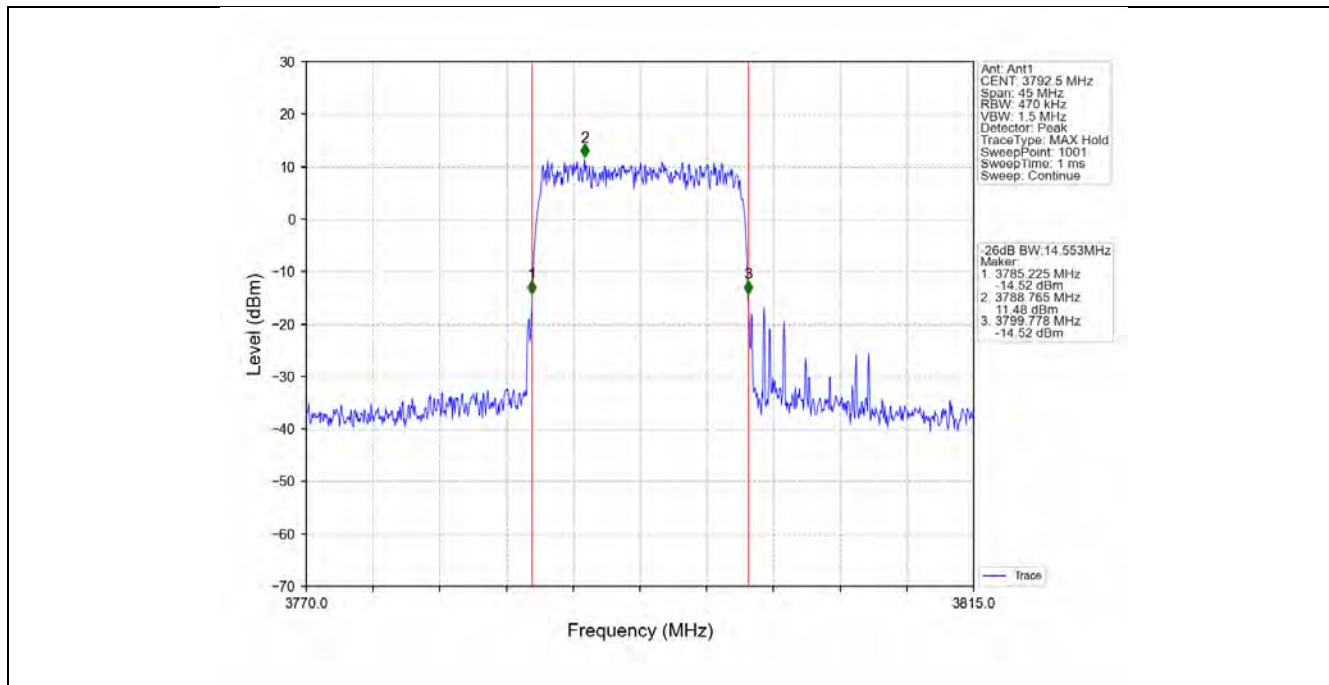
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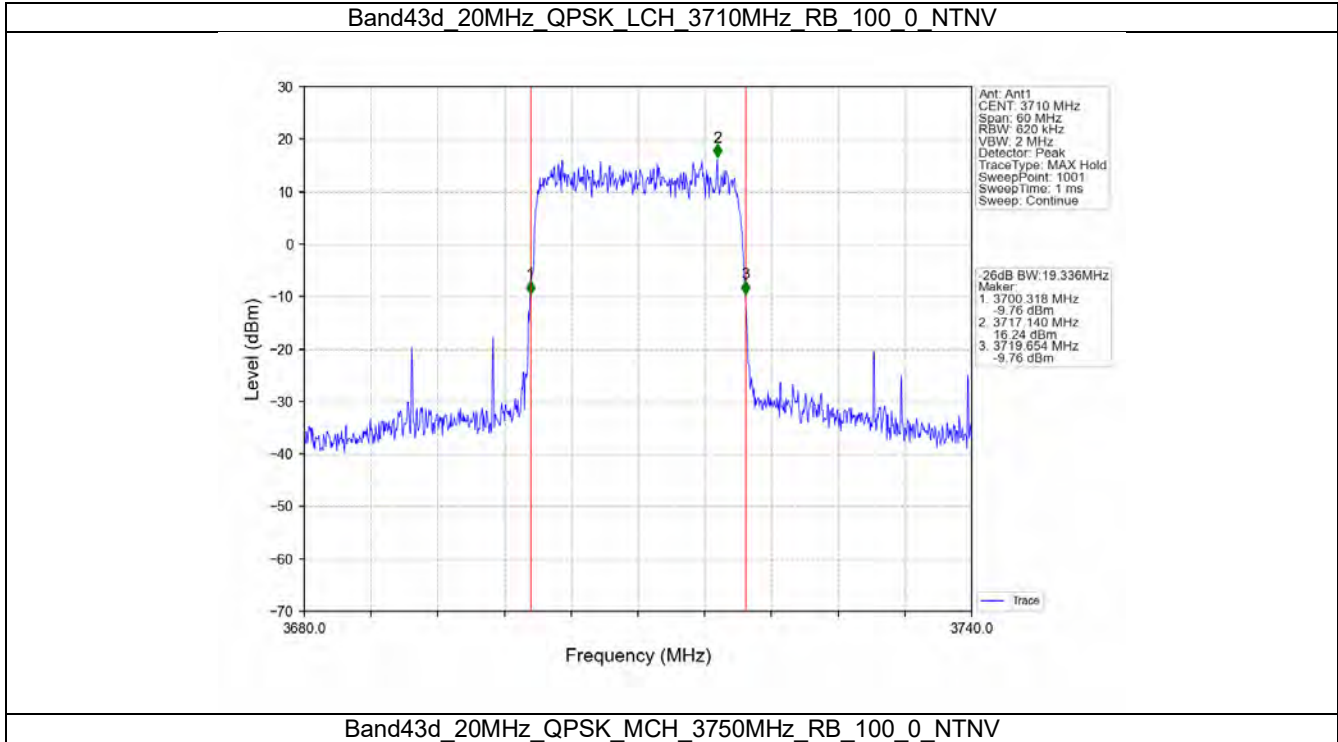


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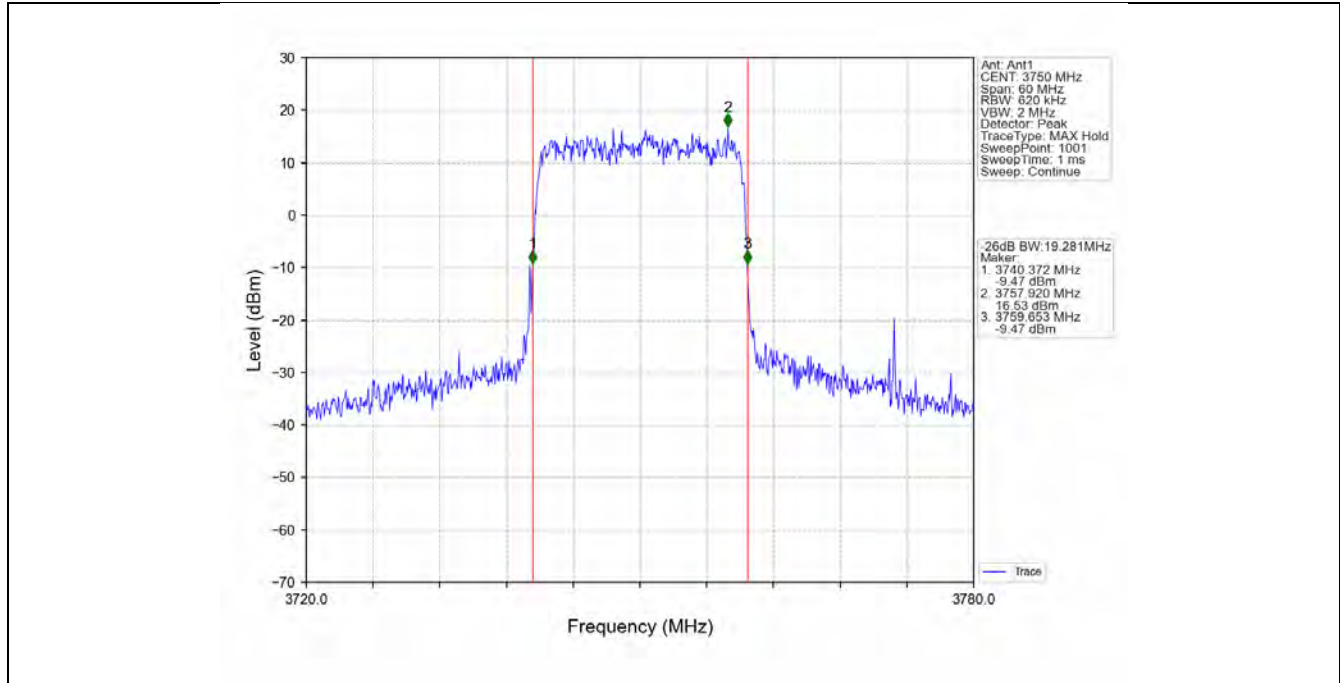


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Rev.: 01

Page: 111 of 387



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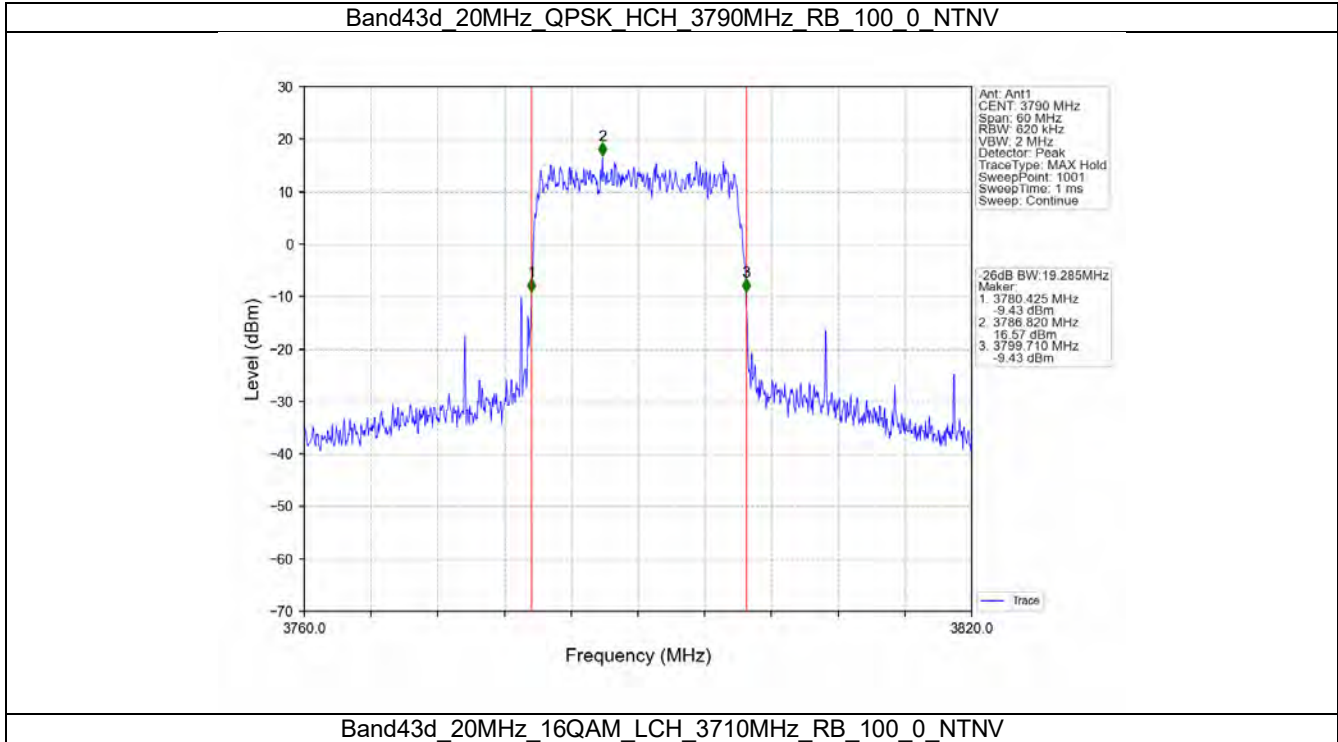


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Report No.: SZCR240100038408

Rev.: 01

Page: 112 of 387



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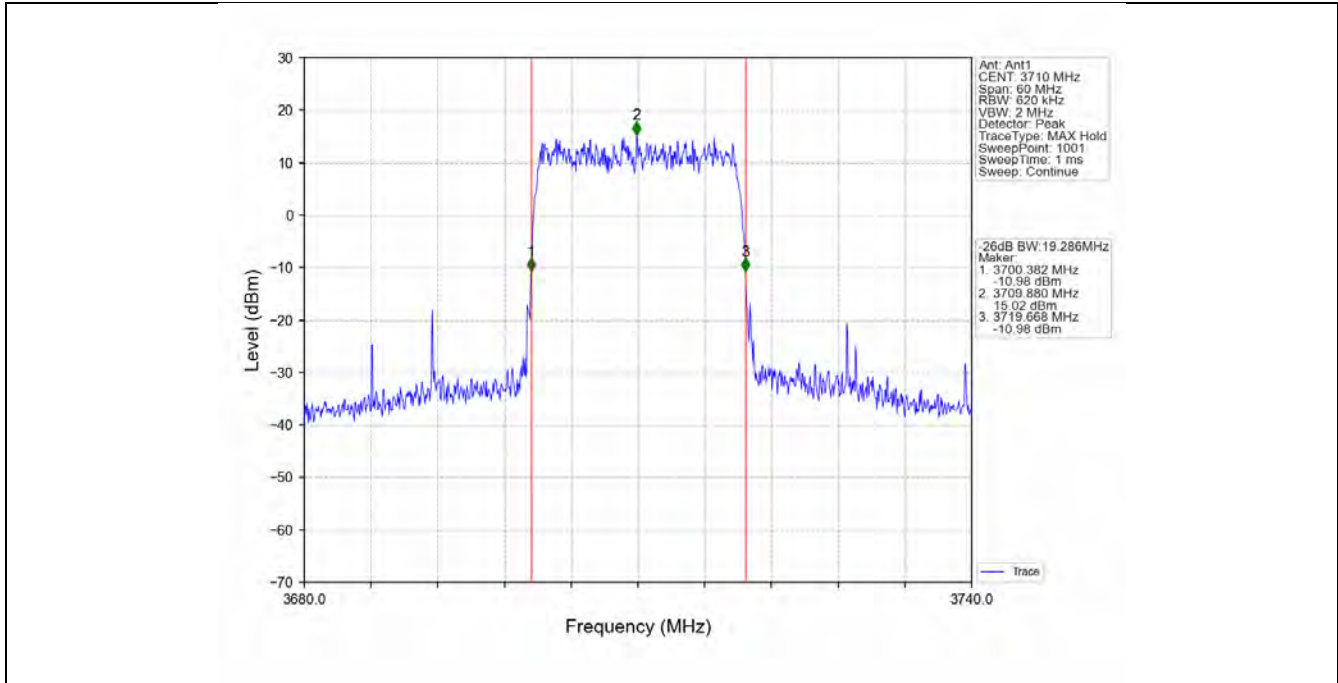


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Report No.: SZCR240100038408

Rev.: 01

Page: 113 of 387



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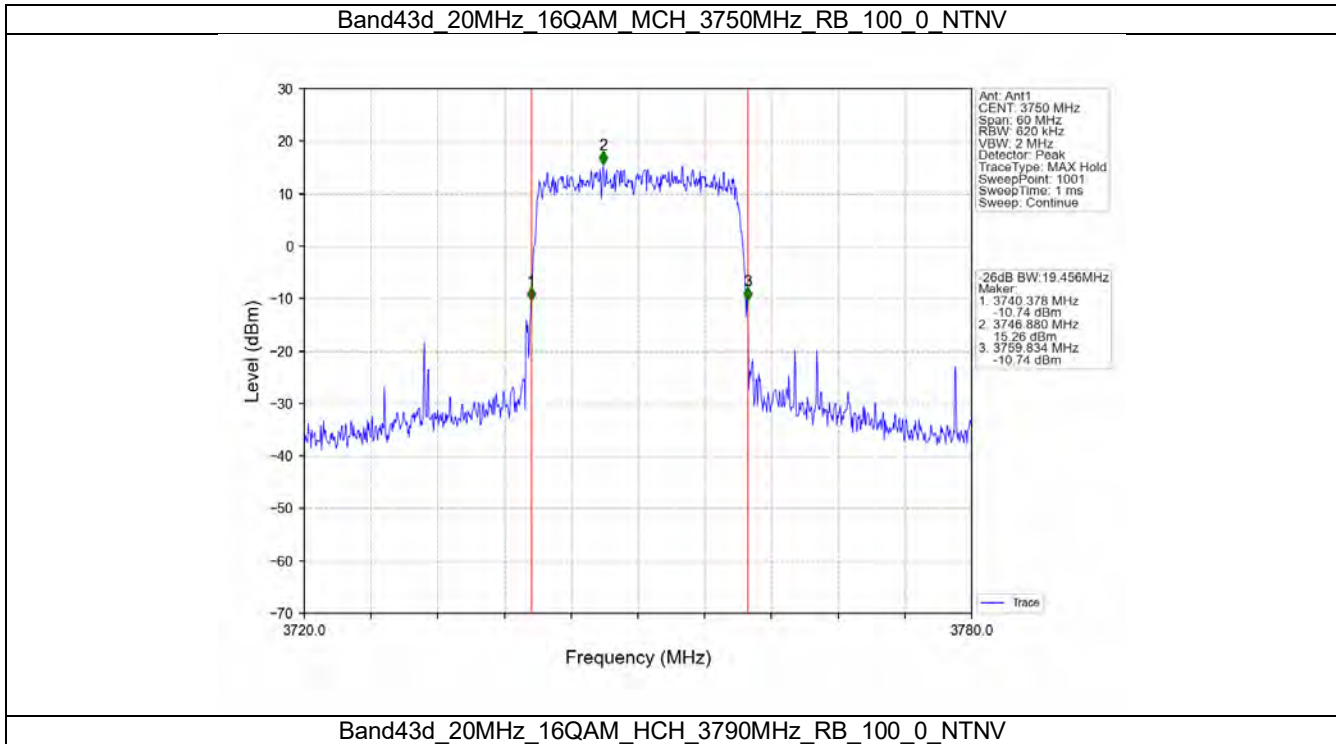


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Report No.: SZCR240100038408

Rev.: 01

Page: 114 of 387



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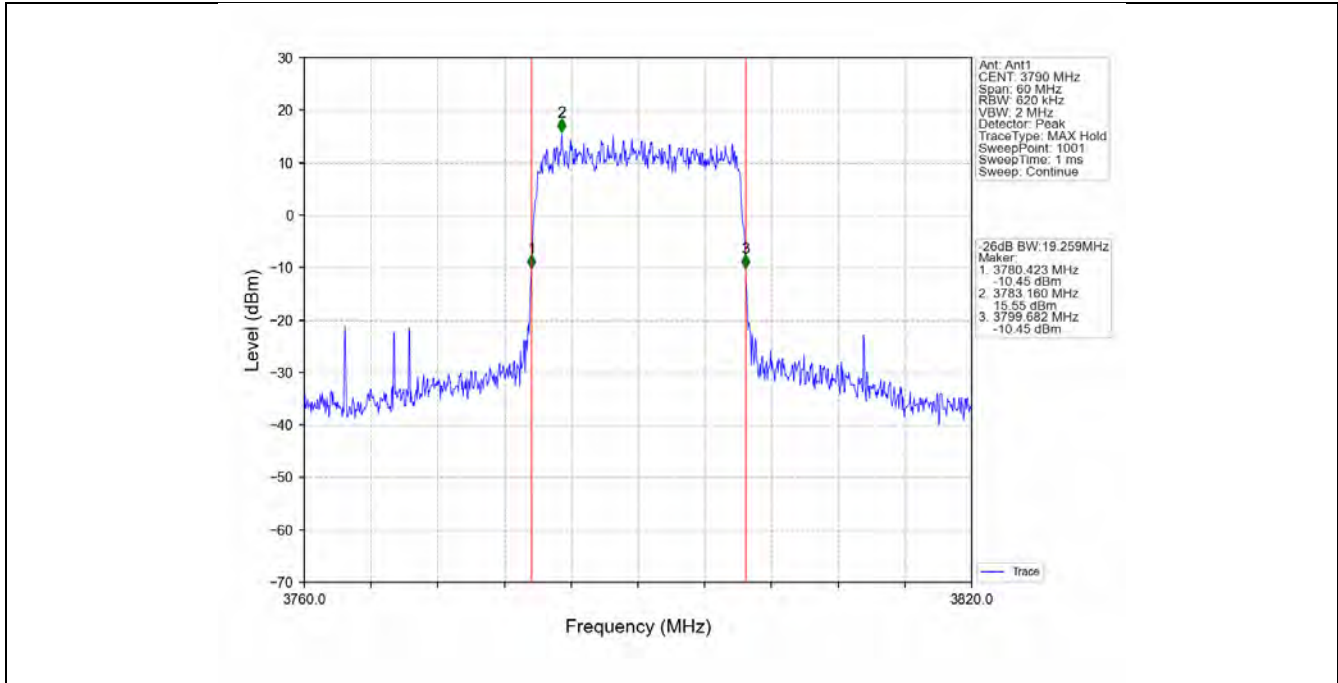


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Report No.: SZCR240100038408

Rev.: 01

Page: 115 of 387



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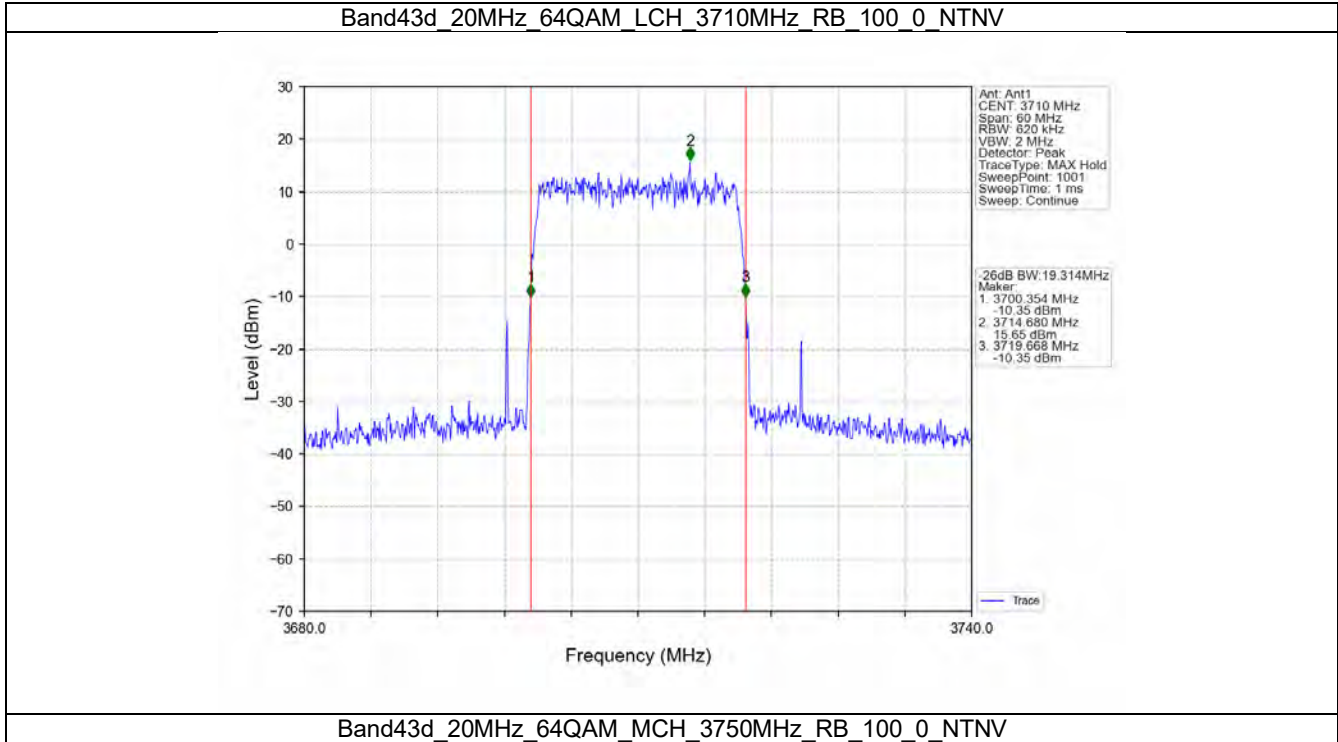


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 116 of 387



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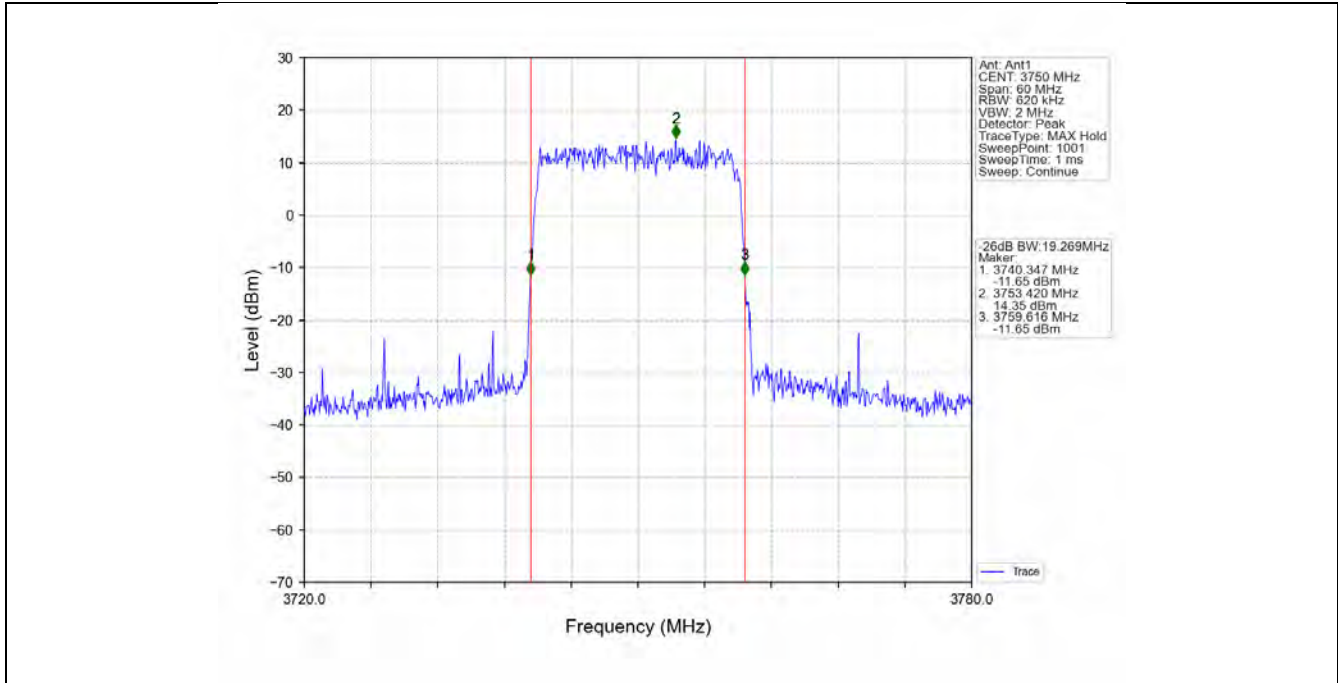


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Report No.: SZCR240100038408

Rev.: 01

Page: 117 of 387



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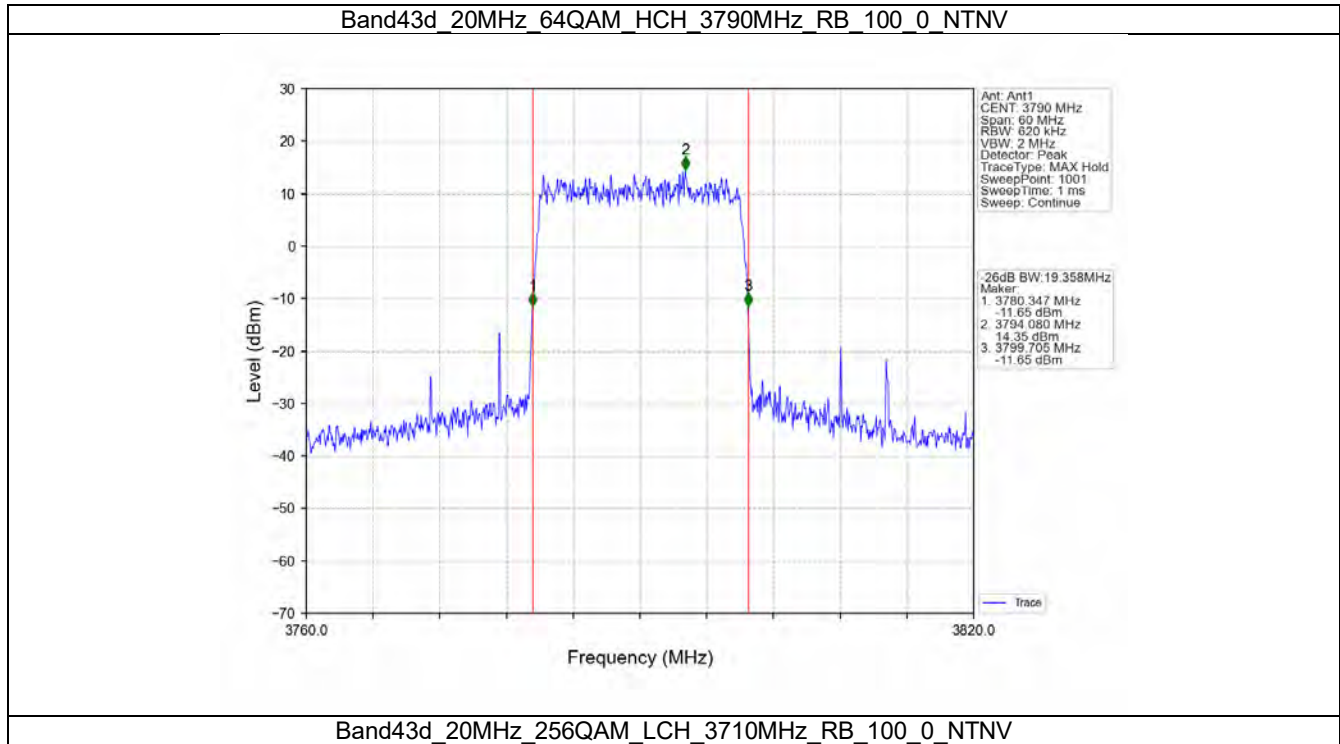


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Report No.: SZCR240100038408

Rev.: 01

Page: 118 of 387



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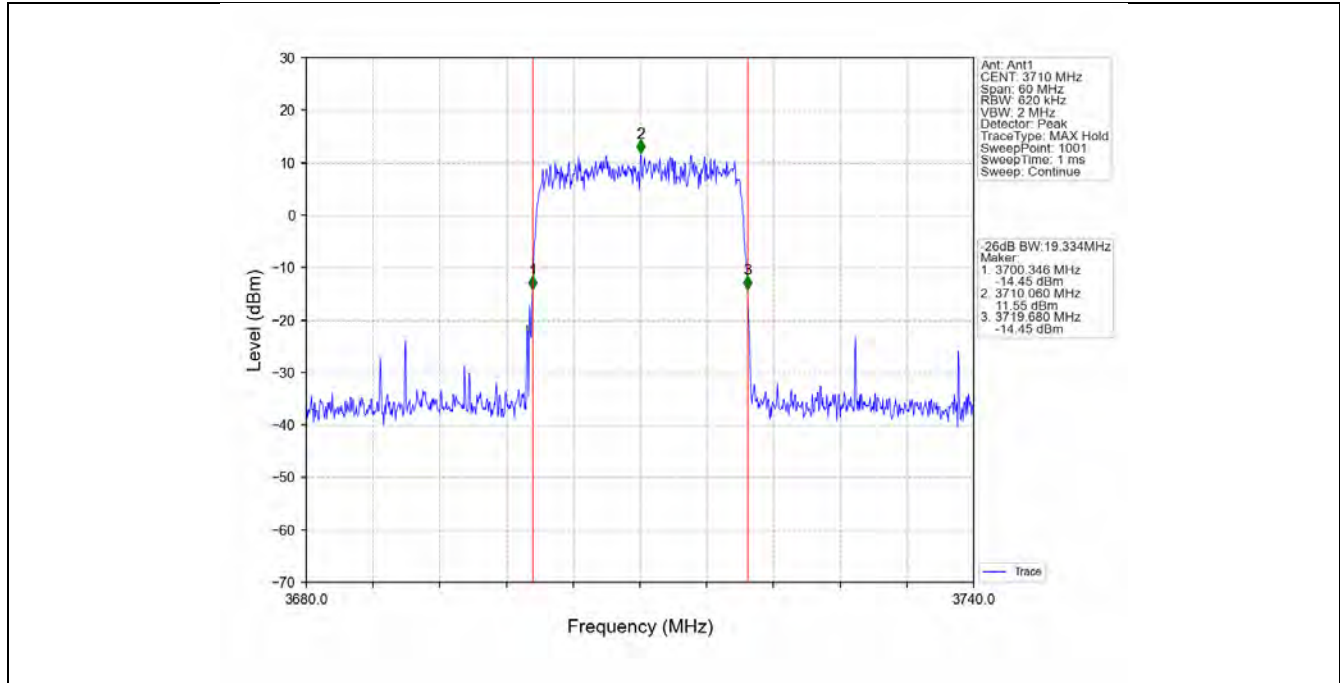


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Report No.: SZCR240100038408

Rev.: 01

Page: 119 of 387



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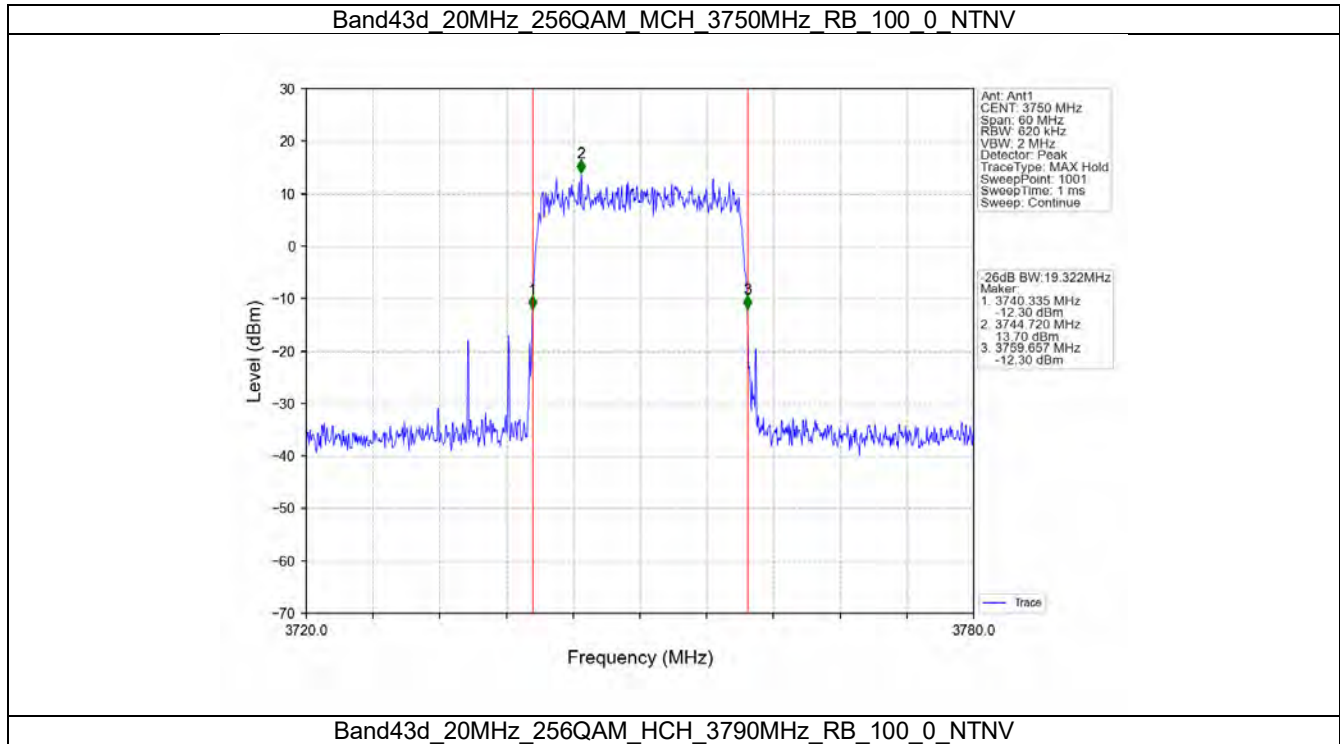


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Report No.: SZCR240100038408

Rev.: 01

Page: 120 of 387



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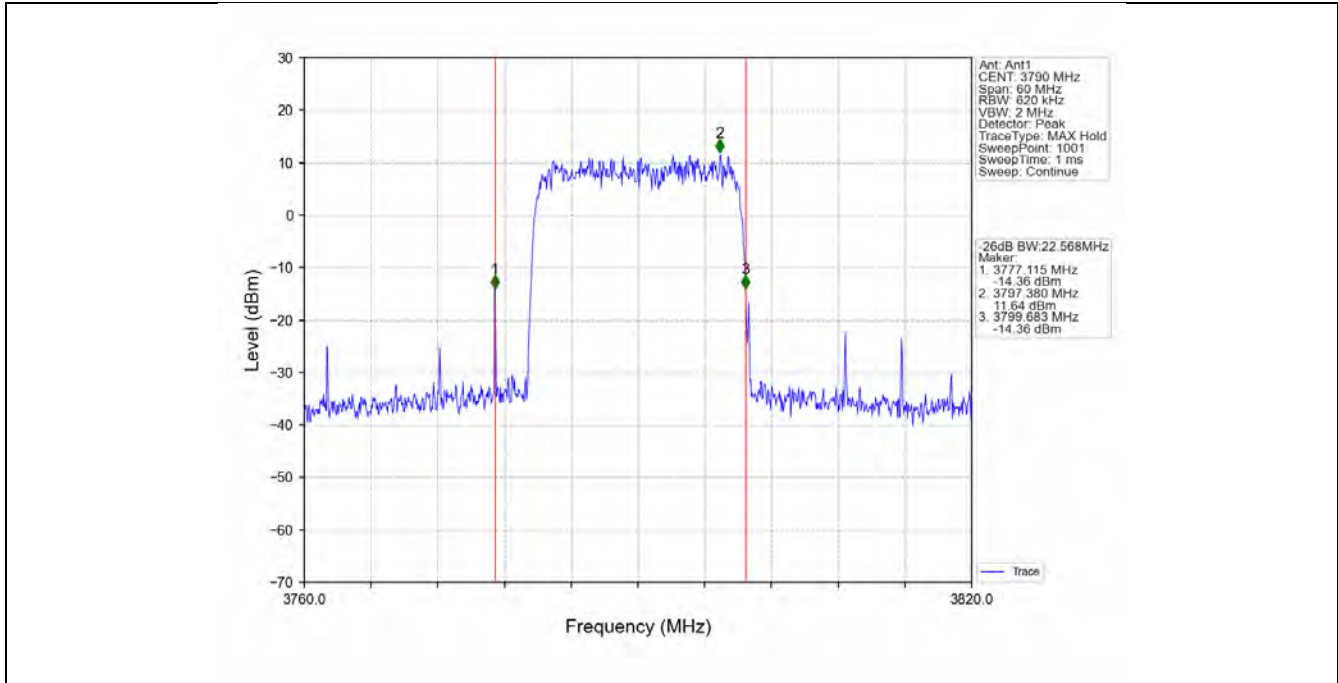


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Report No.: SZCR240100038408

Rev.: 01

Page: 121 of 387



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Report No.: SZCR240100038408

Rev.: 01

Page: 122 of 387

4. Peak-Average Ratio

4.1 B43d_5MHz

4.1.1 Test Result

Band: 43d / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3702.5	25	0	7.38	<=13	Pass
	3750	25	0	7.46	<=13	Pass
	3797.5	25	0	7.35	<=13	Pass
16QAM	3702.5	25	0	8.19	<=13	Pass
	3750	25	0	8.14	<=13	Pass
	3797.5	25	0	8.10	<=13	Pass
64QAM	3702.5	25	0	8.84	<=13	Pass
	3750	25	0	8.68	<=13	Pass
	3797.5	25	0	8.74	<=13	Pass
256QAM	3702.5	25	0	8.80	<=13	Pass
	3750	25	0	8.65	<=13	Pass
	3797.5	25	0	8.80	<=13	Pass



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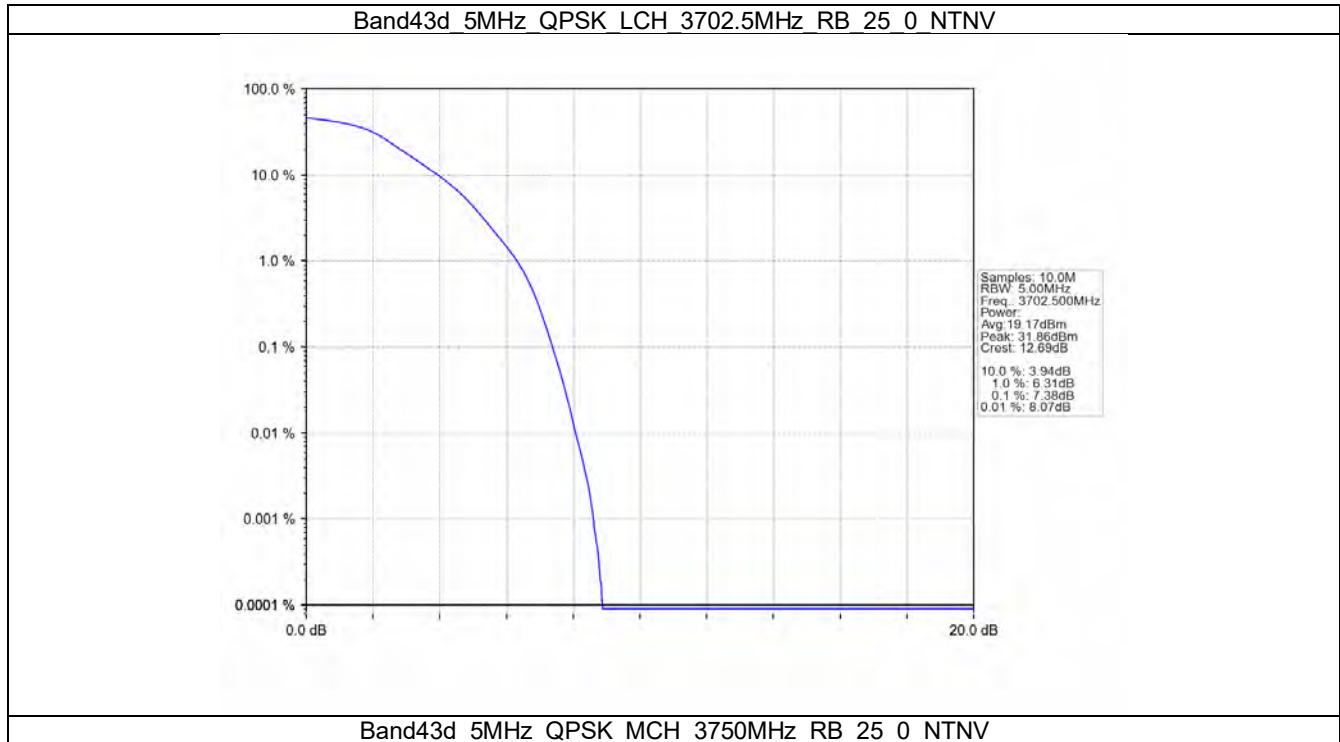
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Report No.: SZCR240100038408

Rev.: 01

Page: 123 of 387

4.1.2 Test Graph



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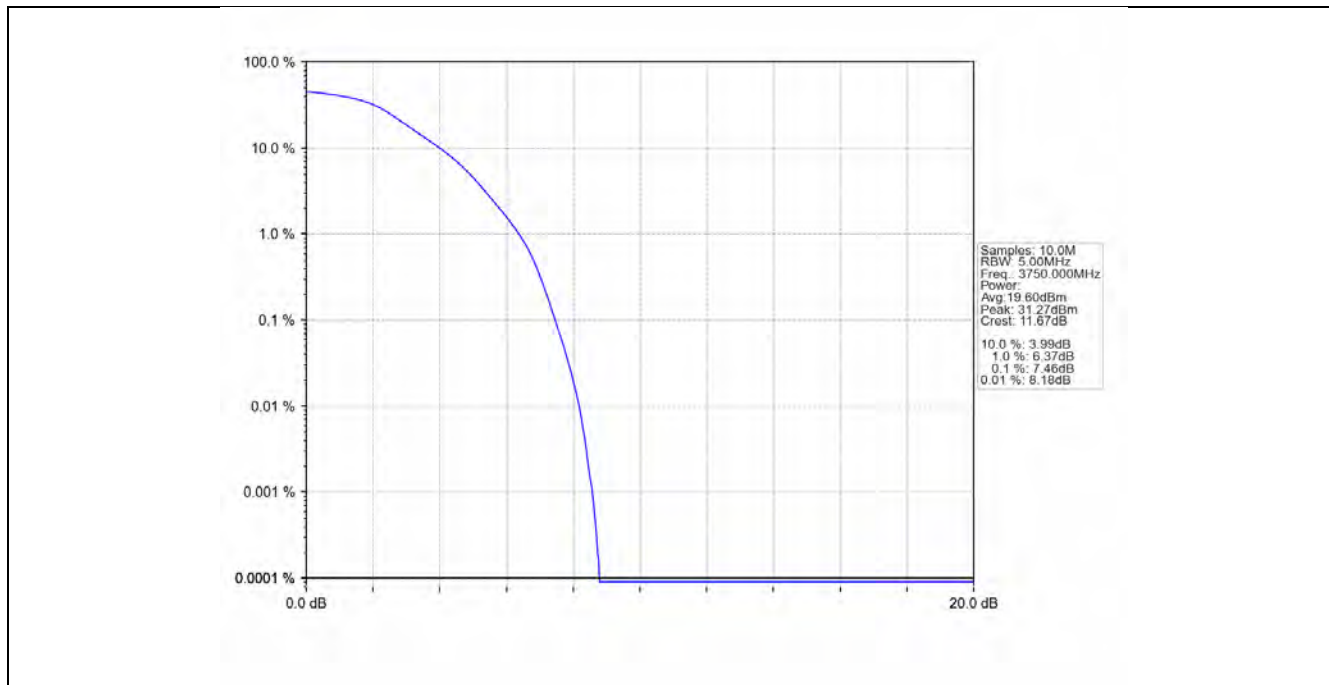
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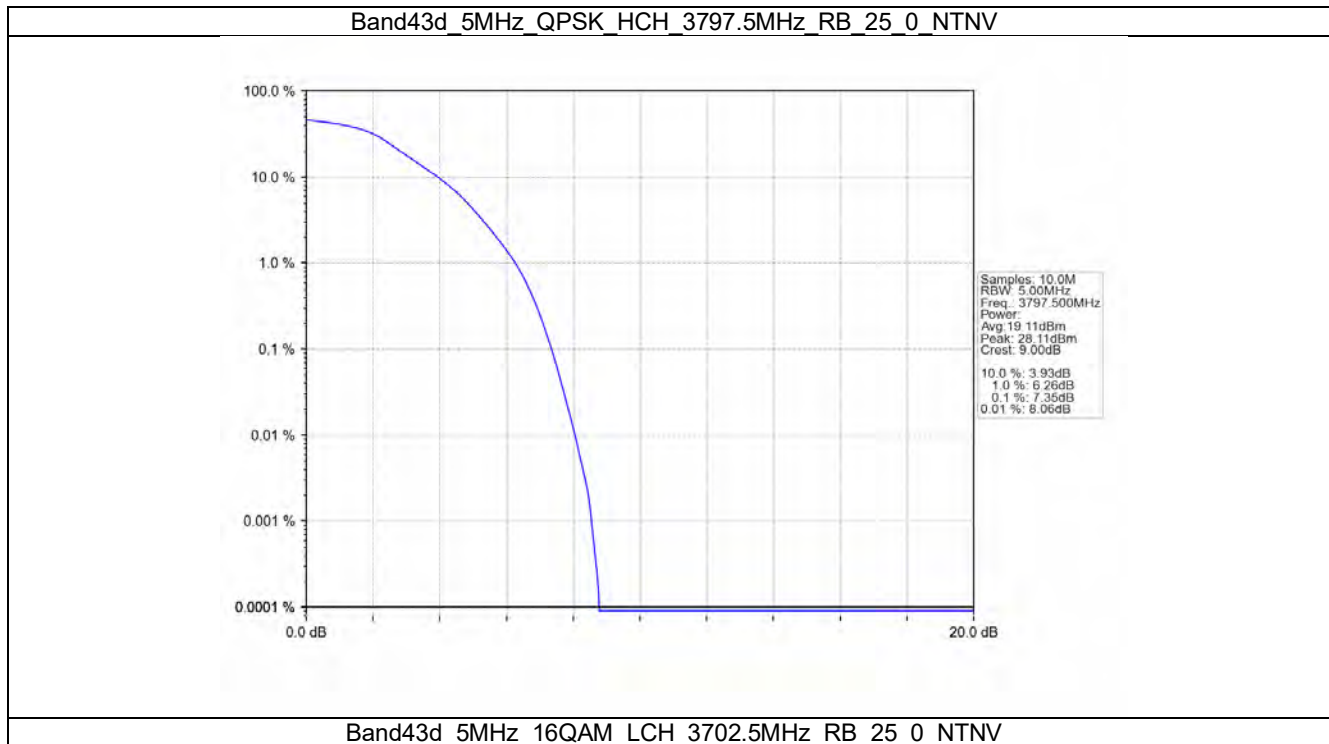
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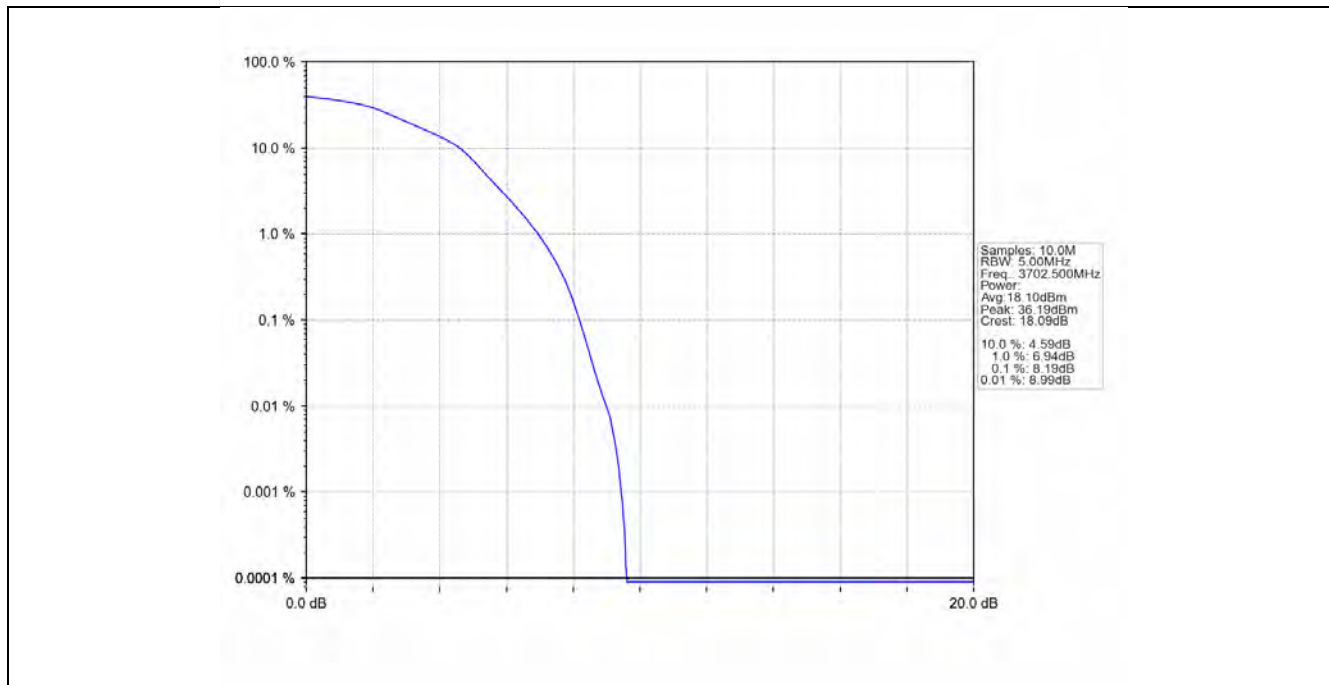
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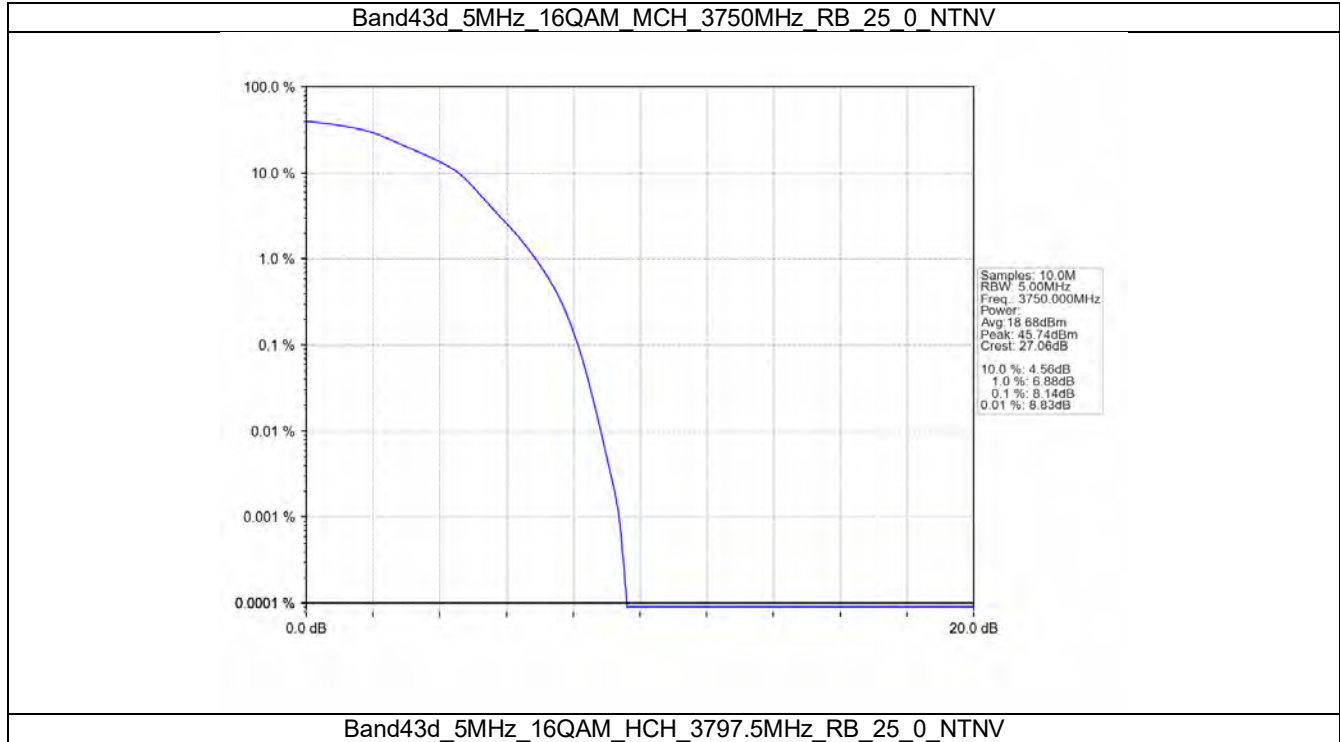


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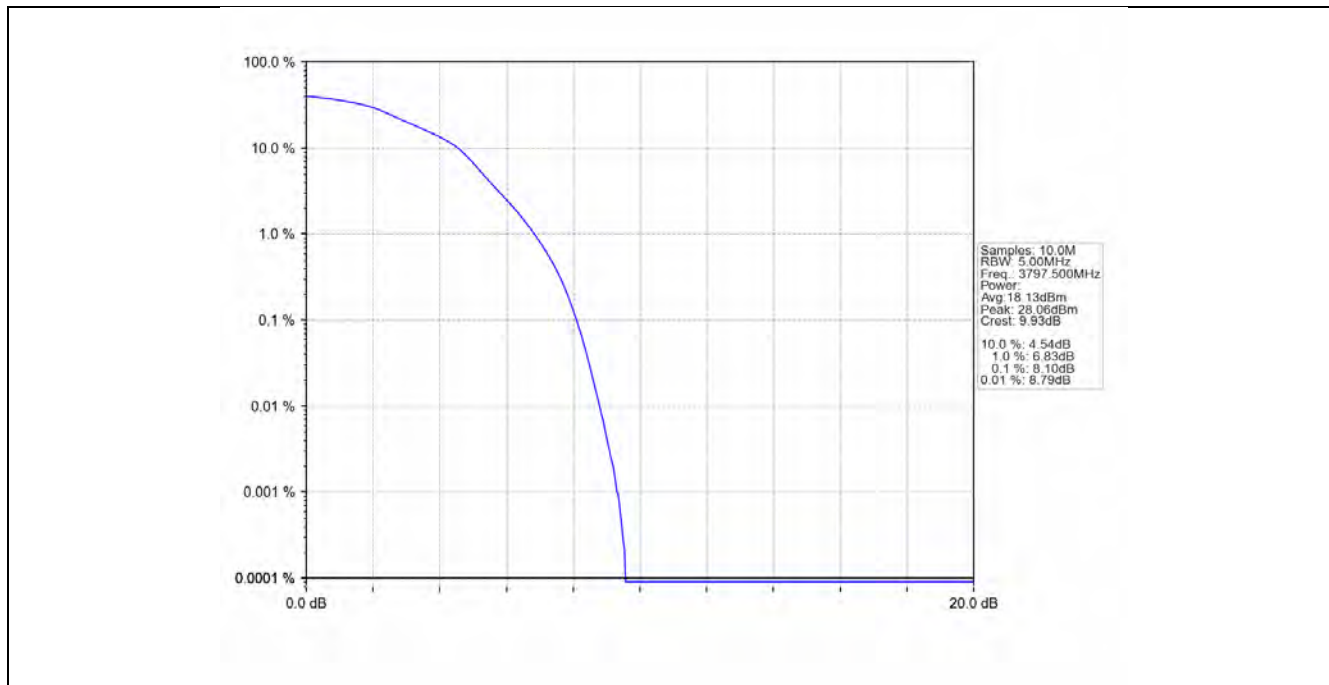
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Rev.: 01
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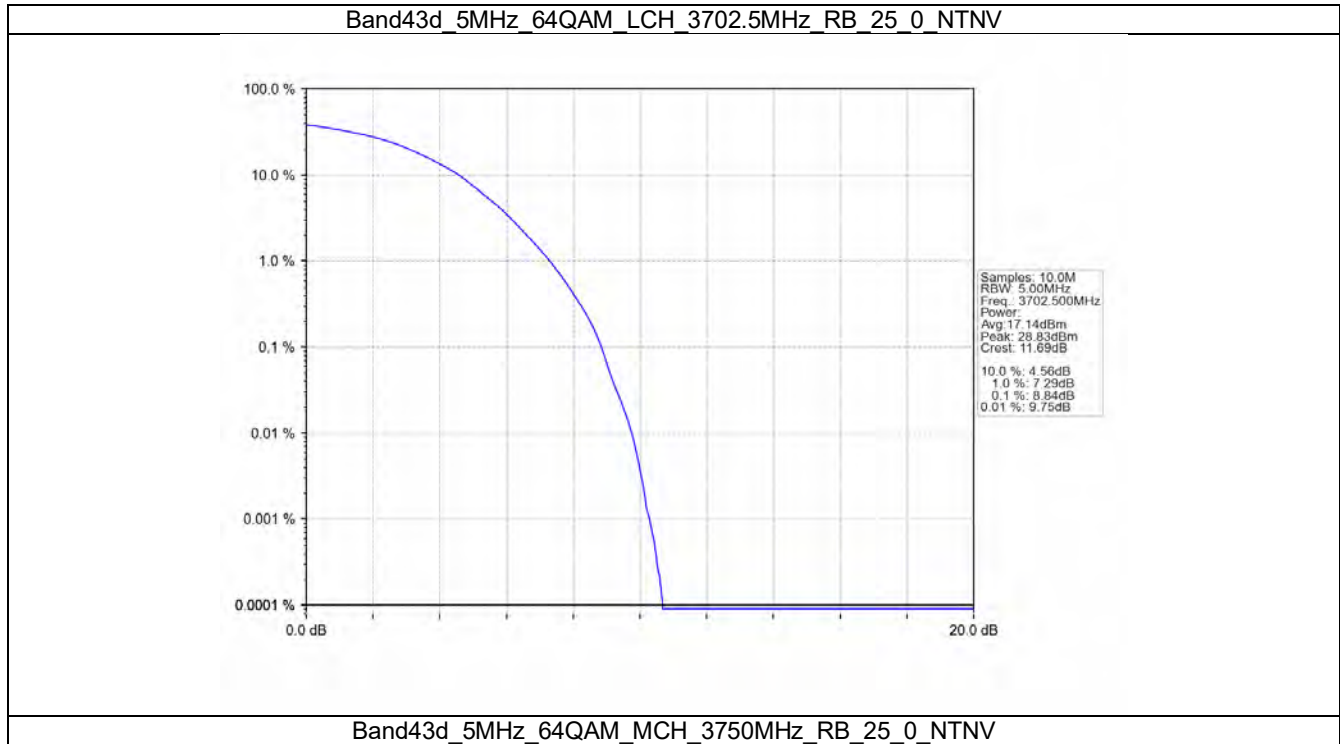


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Report No.: SZCR240100038408

Rev.: 01

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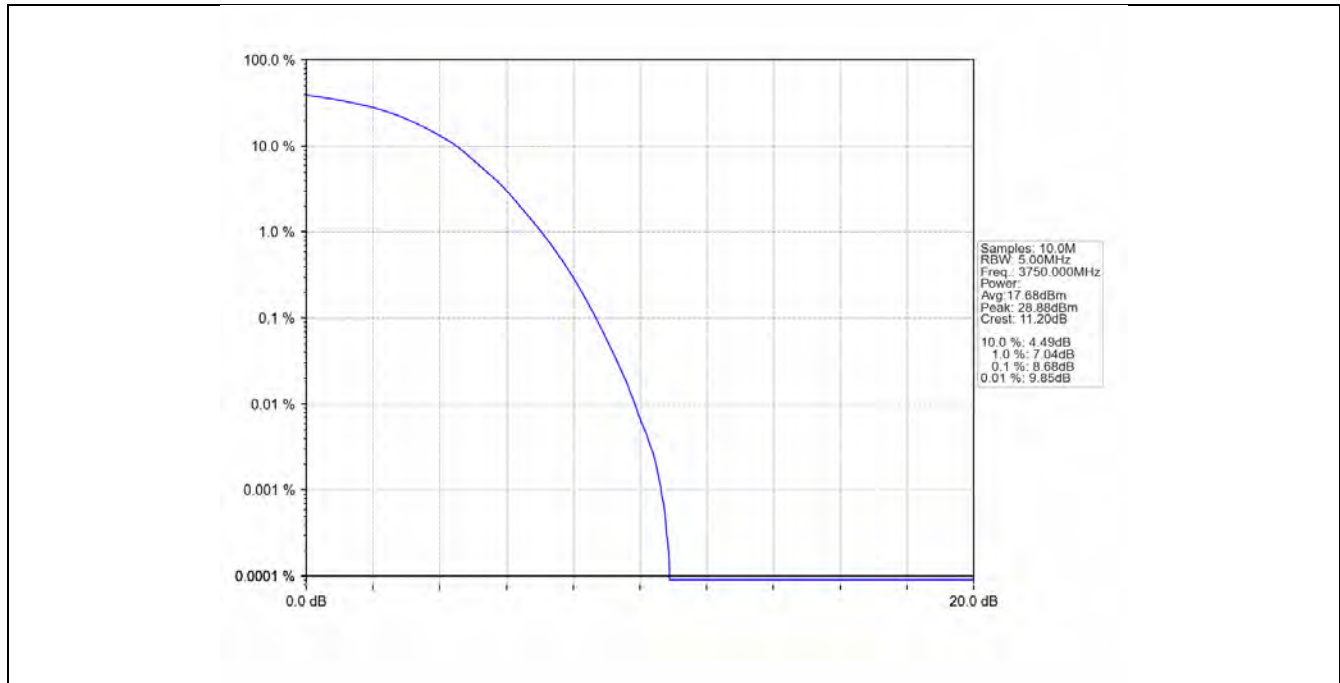


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Report No.: SZCR240100038408

Rev.: 01

Page: 130 of 387



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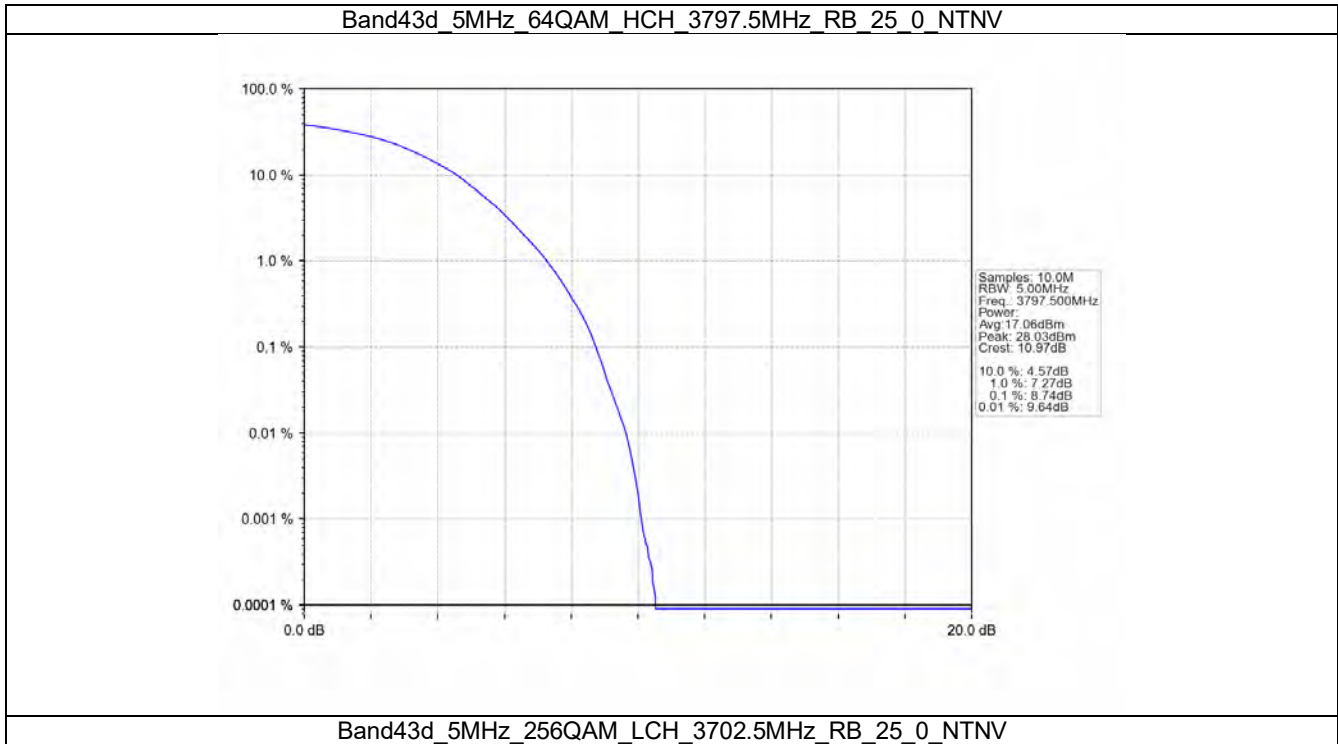


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Report No.: SZCR240100038408

Rev.: 01

Page: 131 of 387



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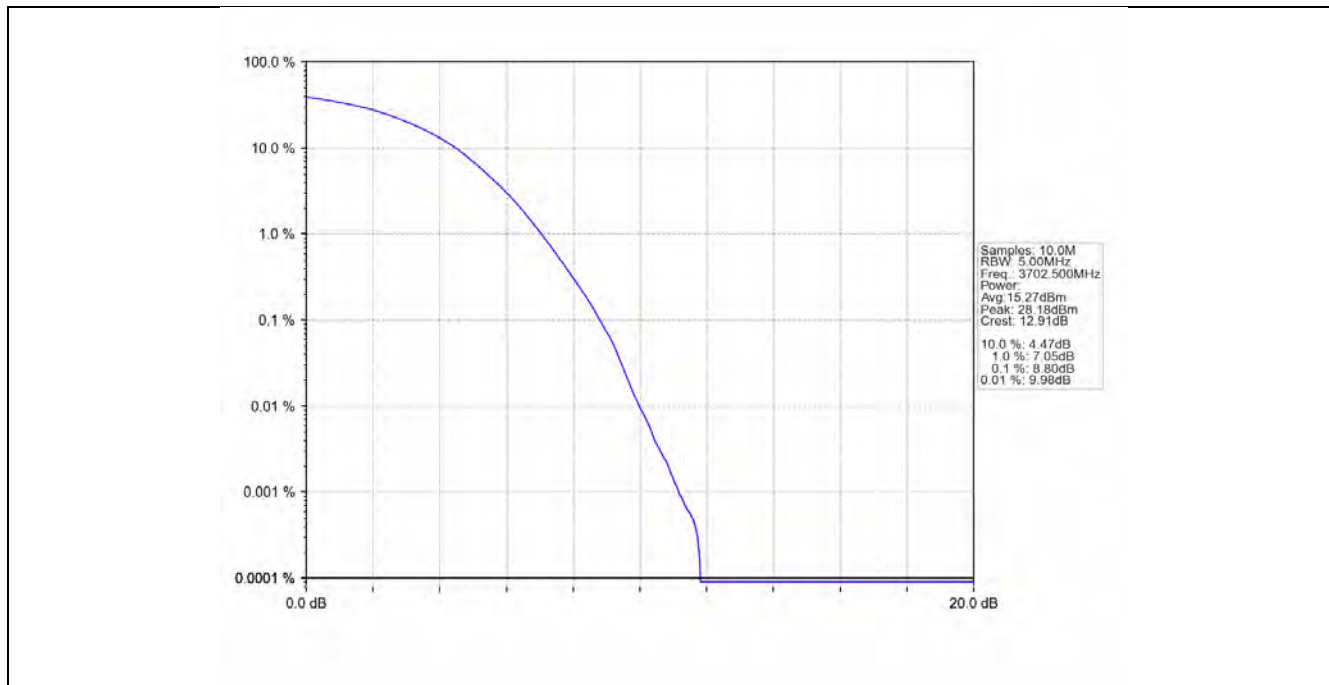
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Report No.: SZCR240100038408
Rev.: 01
Page: 132 of 387



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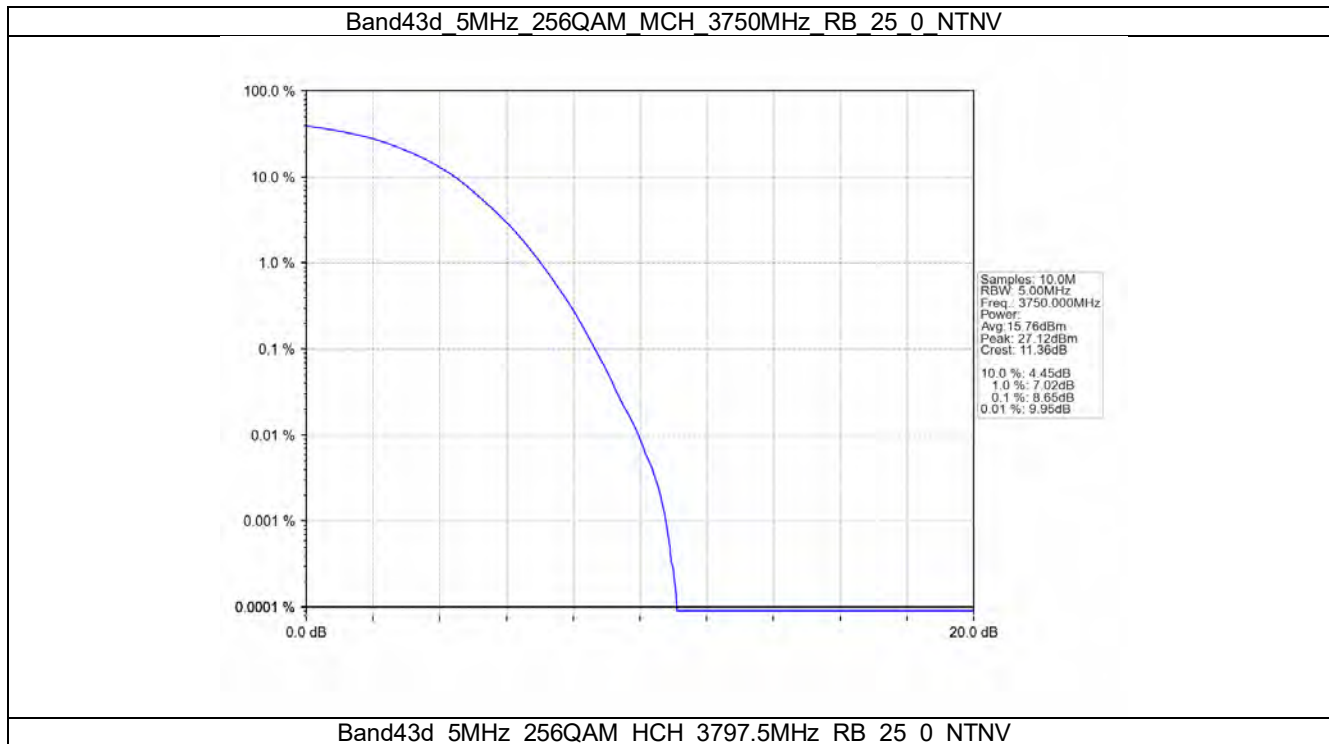
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Report No.: SZCR240100038408
Rev.: 01
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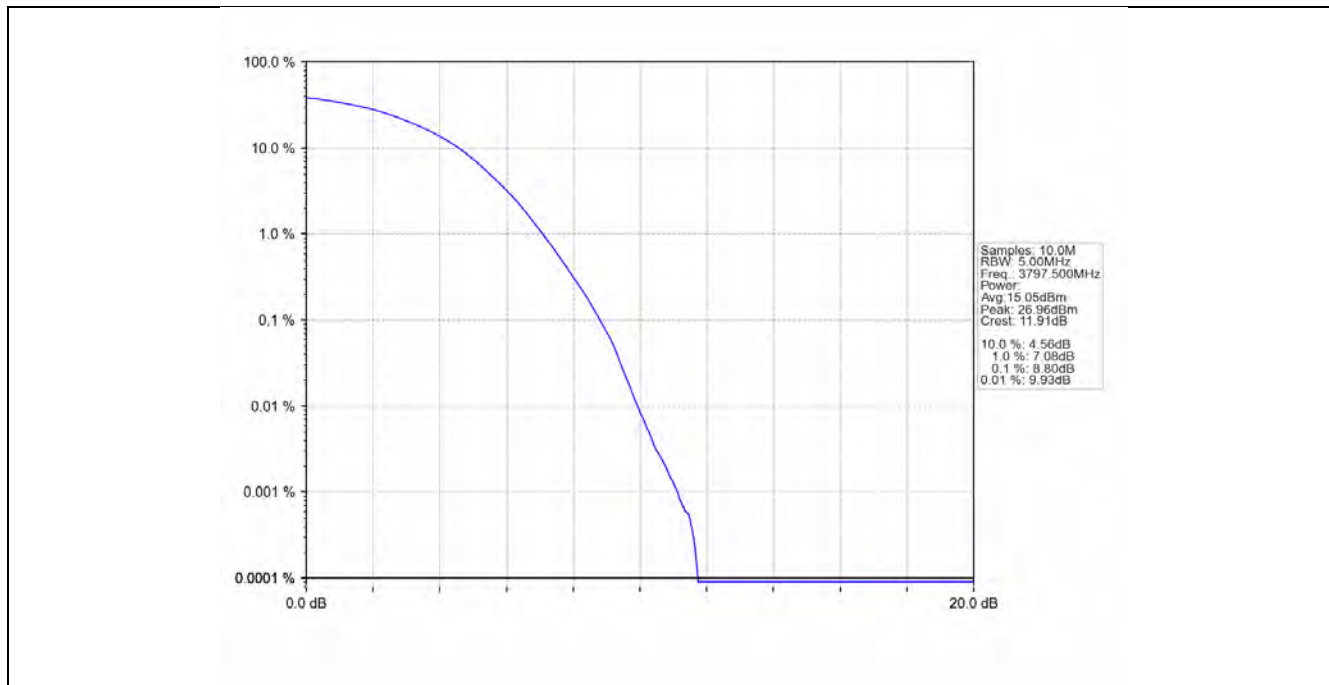
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Report No.: SZCR240100038408
Rev.: 01
Page: 134 of 387



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Report No.: SZCR240100038408

Rev.: 01

Page: 135 of 387

4.2 B43d_10MHz

4.2.1 Test Result

Band: 43d / Bandwidth: 10MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3705	50	0	7.31	<=13	Pass
	3750	50	0	7.16	<=13	Pass
	3795	50	0	7.13	<=13	Pass
16QAM	3705	50	0	8.11	<=13	Pass
	3750	50	0	8.05	<=13	Pass
	3795	50	0	7.92	<=13	Pass
64QAM	3705	50	0	8.65	<=13	Pass
	3750	50	0	8.56	<=13	Pass
	3795	50	0	8.47	<=13	Pass
256QAM	3705	50	0	8.65	<=13	Pass
	3750	50	0	8.54	<=13	Pass
	3795	50	0	8.40	<=13	Pass



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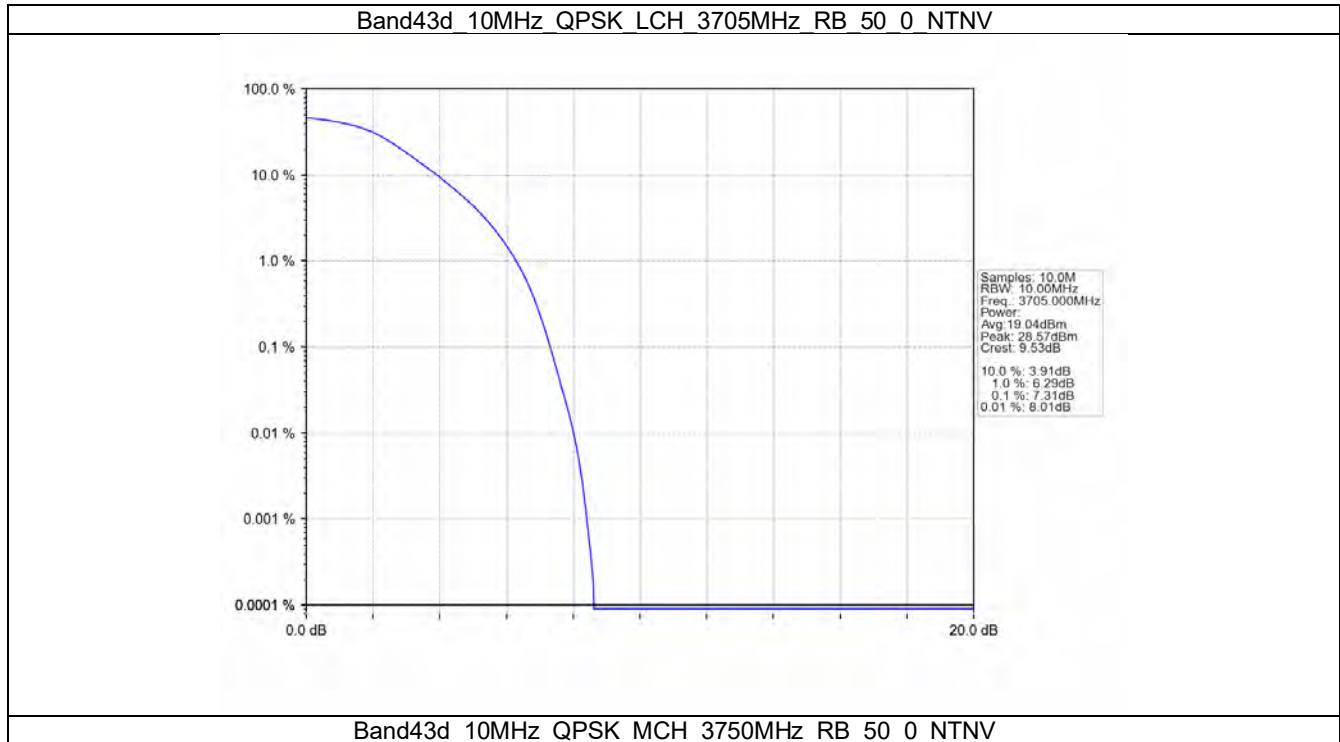


Report No.: SZCR240100038408

Rev.: 01

Page: 136 of 387

4.2.2 Test Graph



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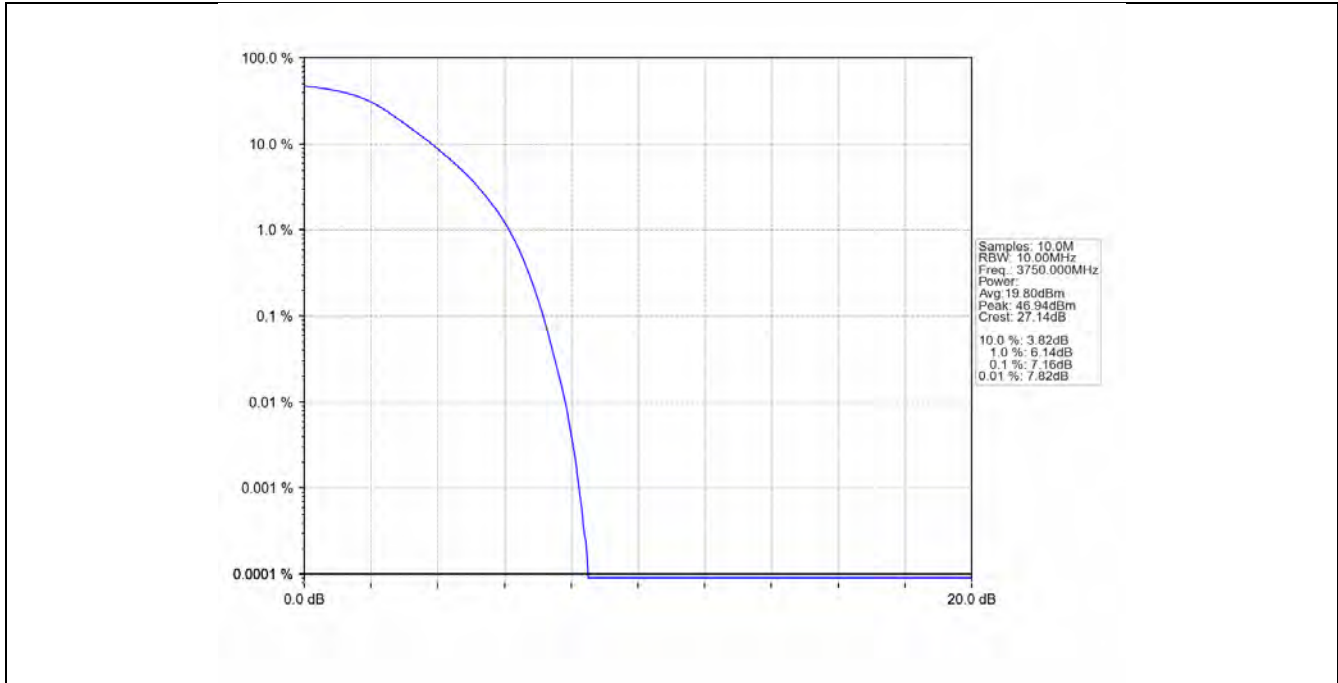


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Report No.: SZCR240100038408

Rev.: 01

Page: 137 of 387



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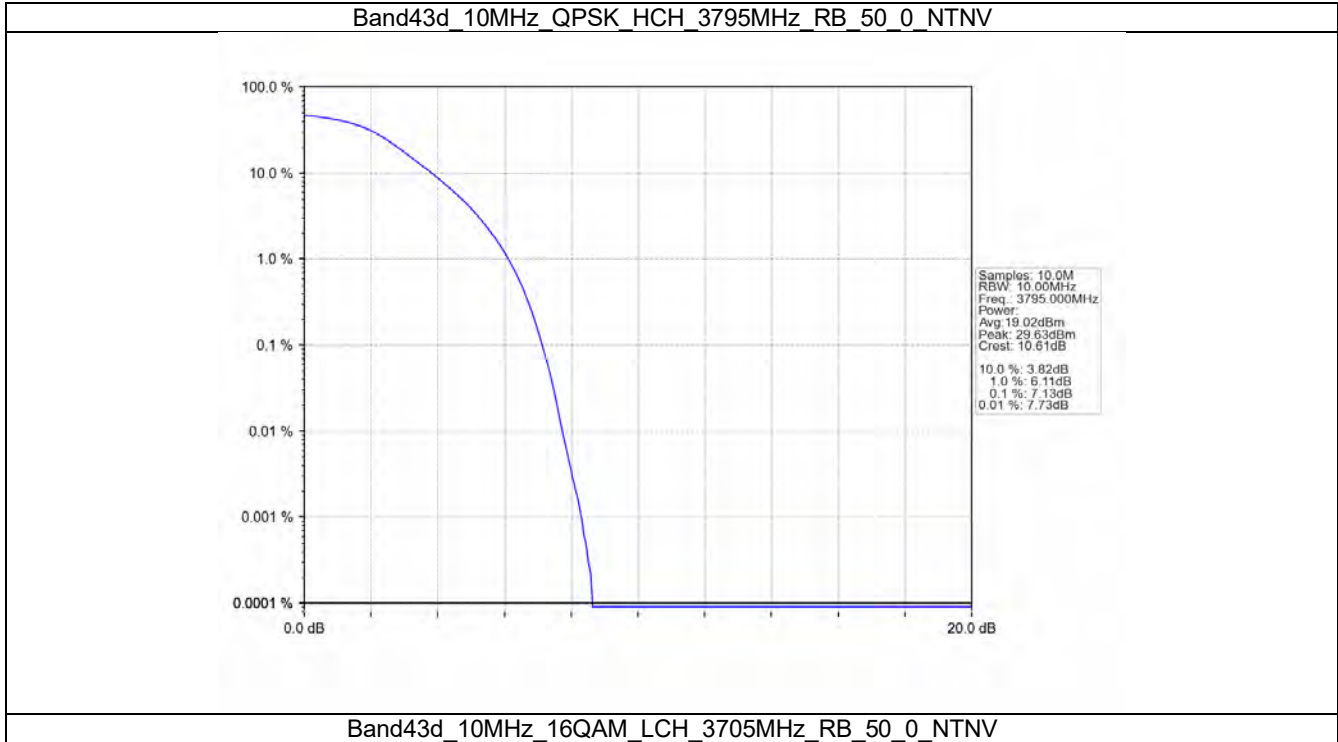


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Report No.: SZCR240100038408

Rev.: 01

Page: 138 of 387



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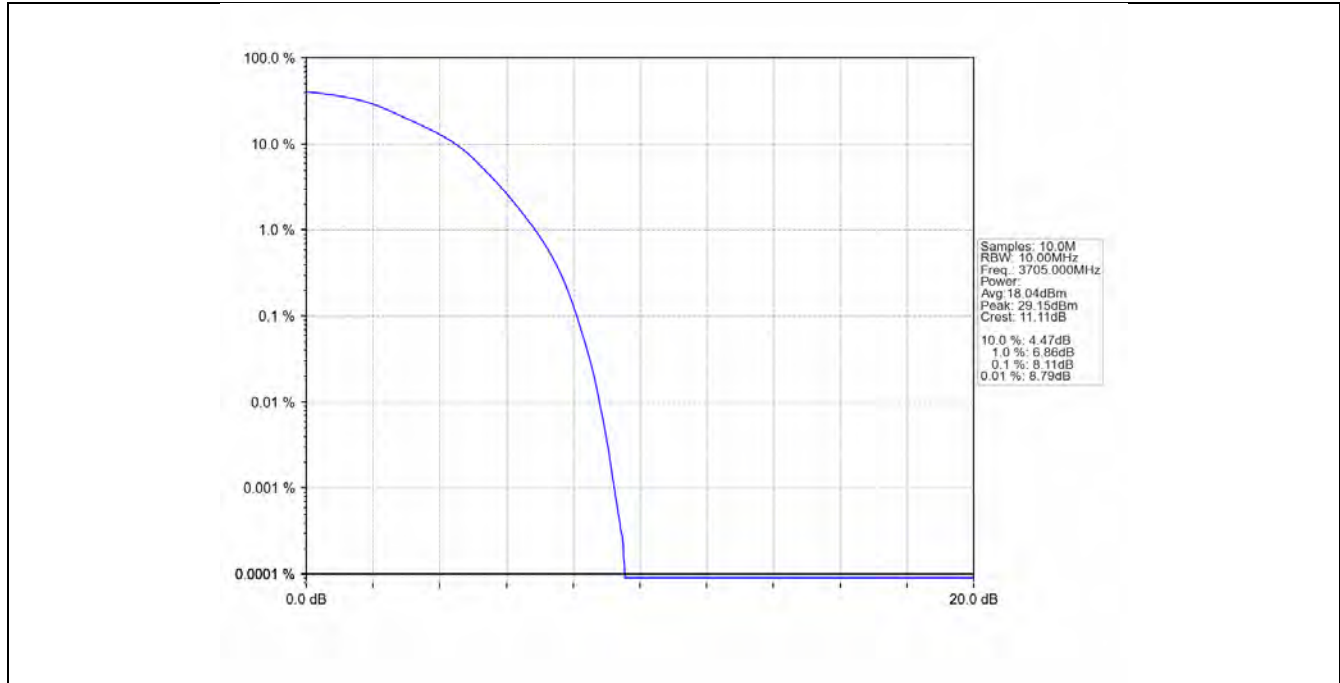


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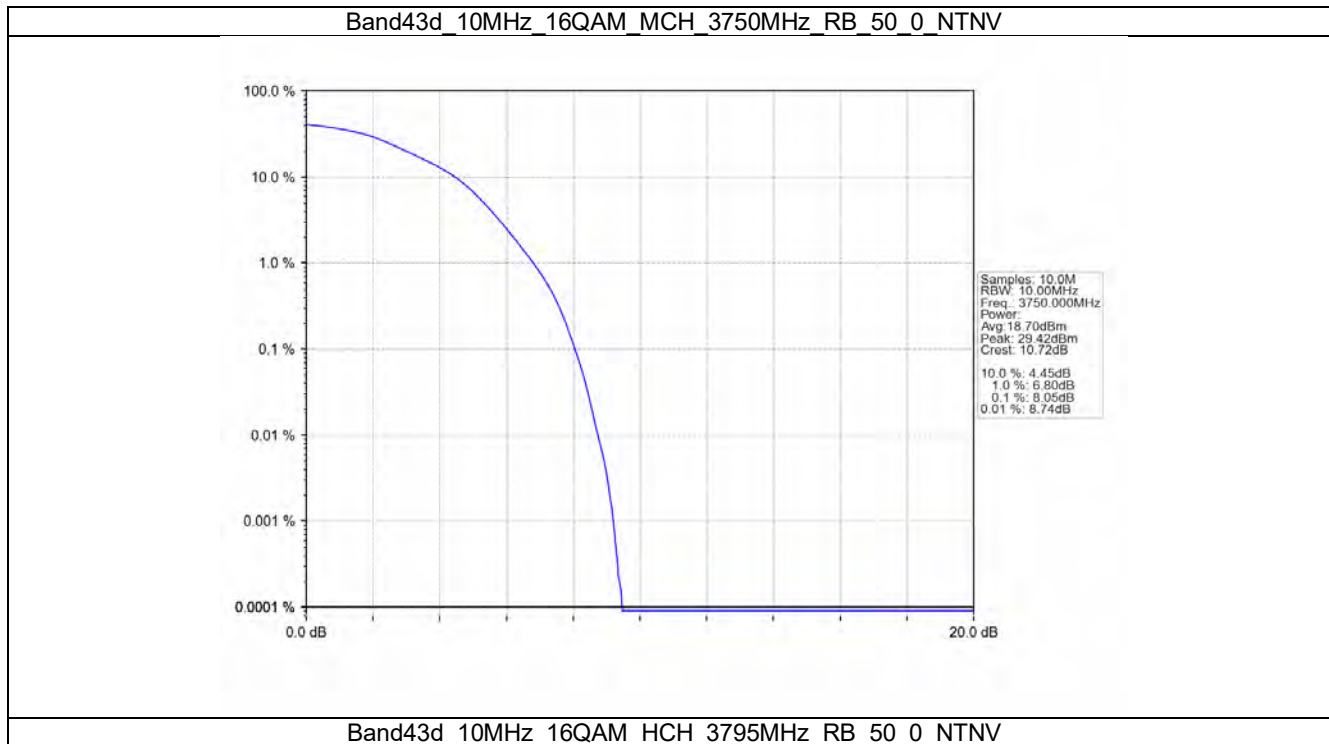
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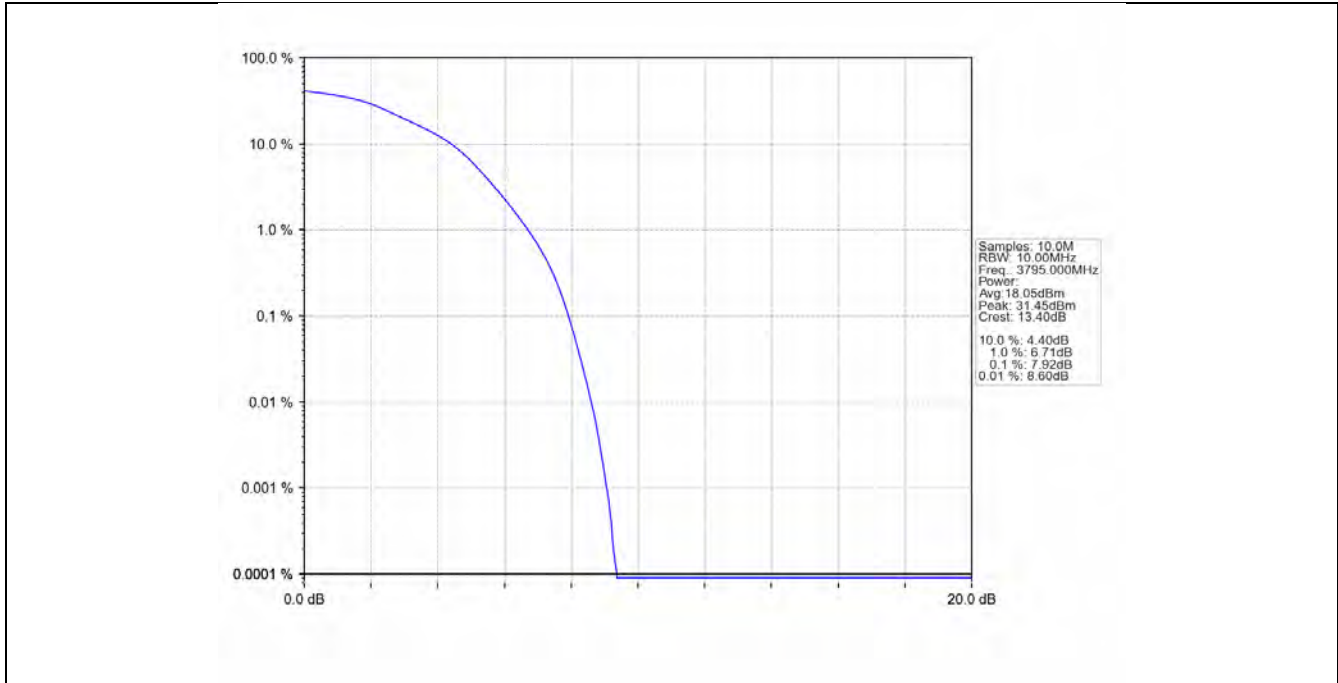


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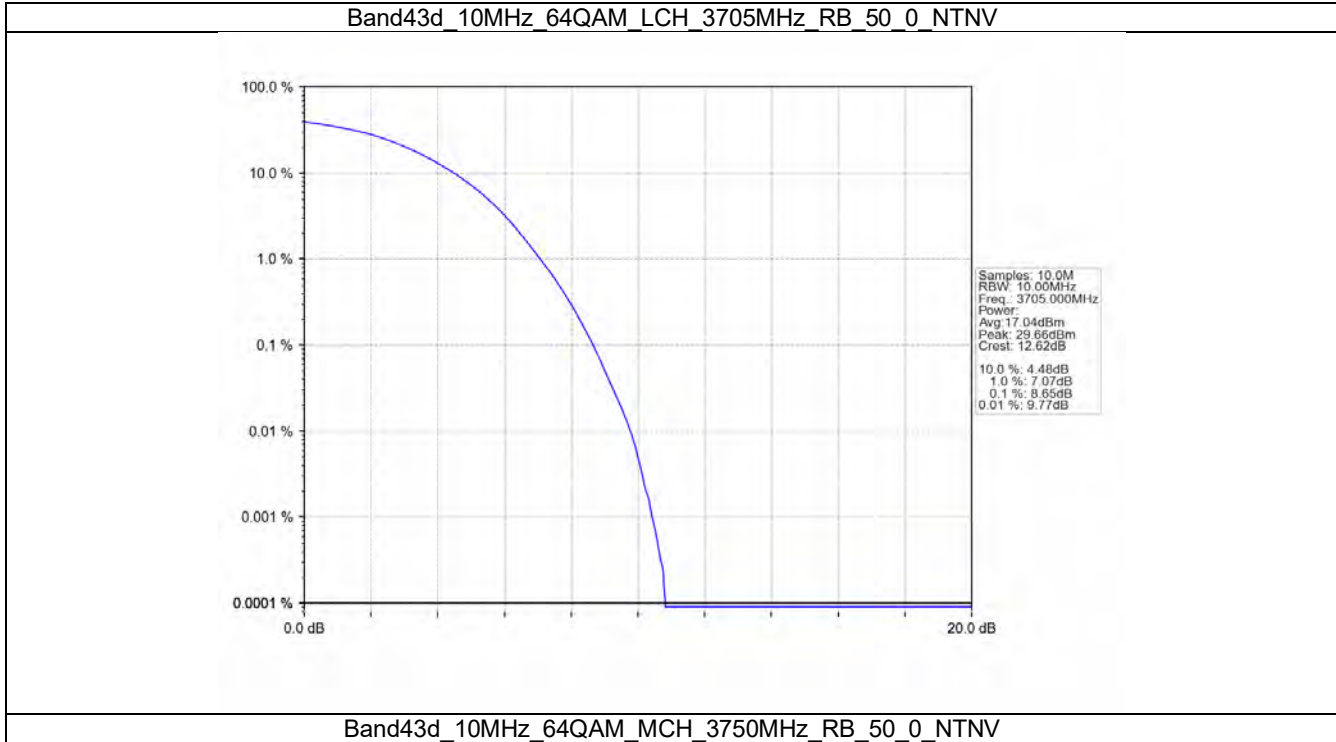


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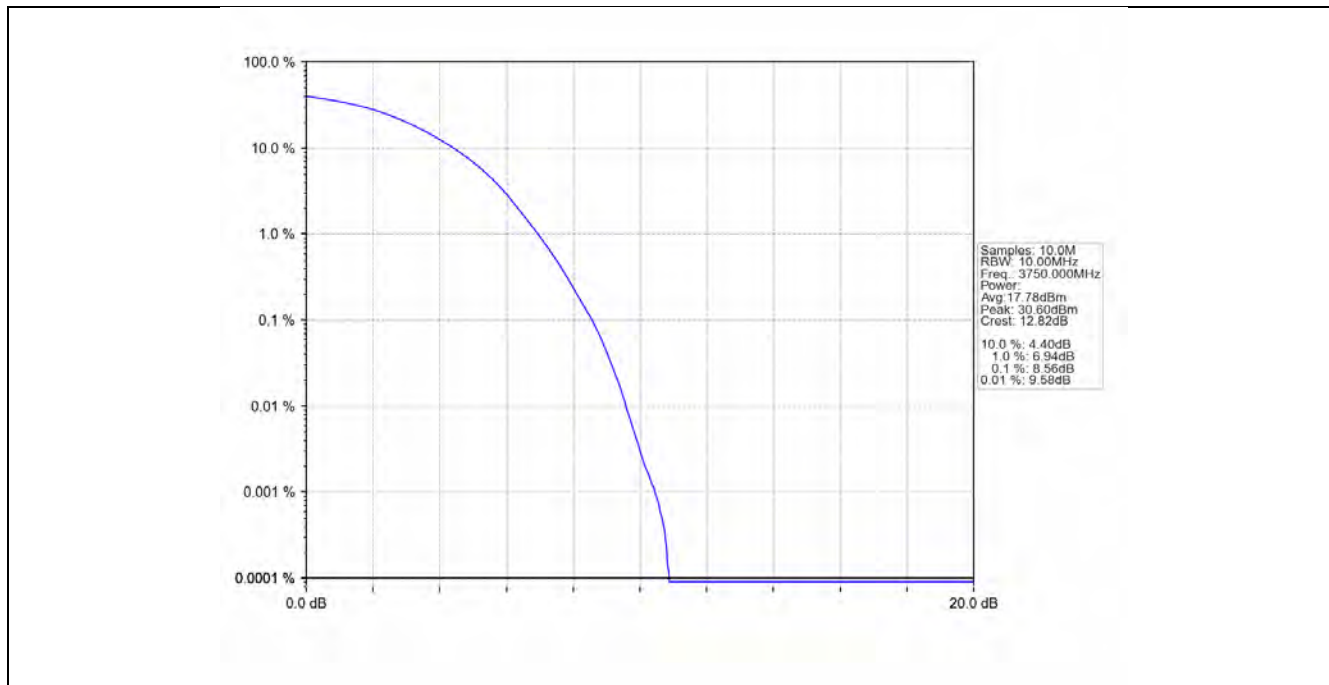
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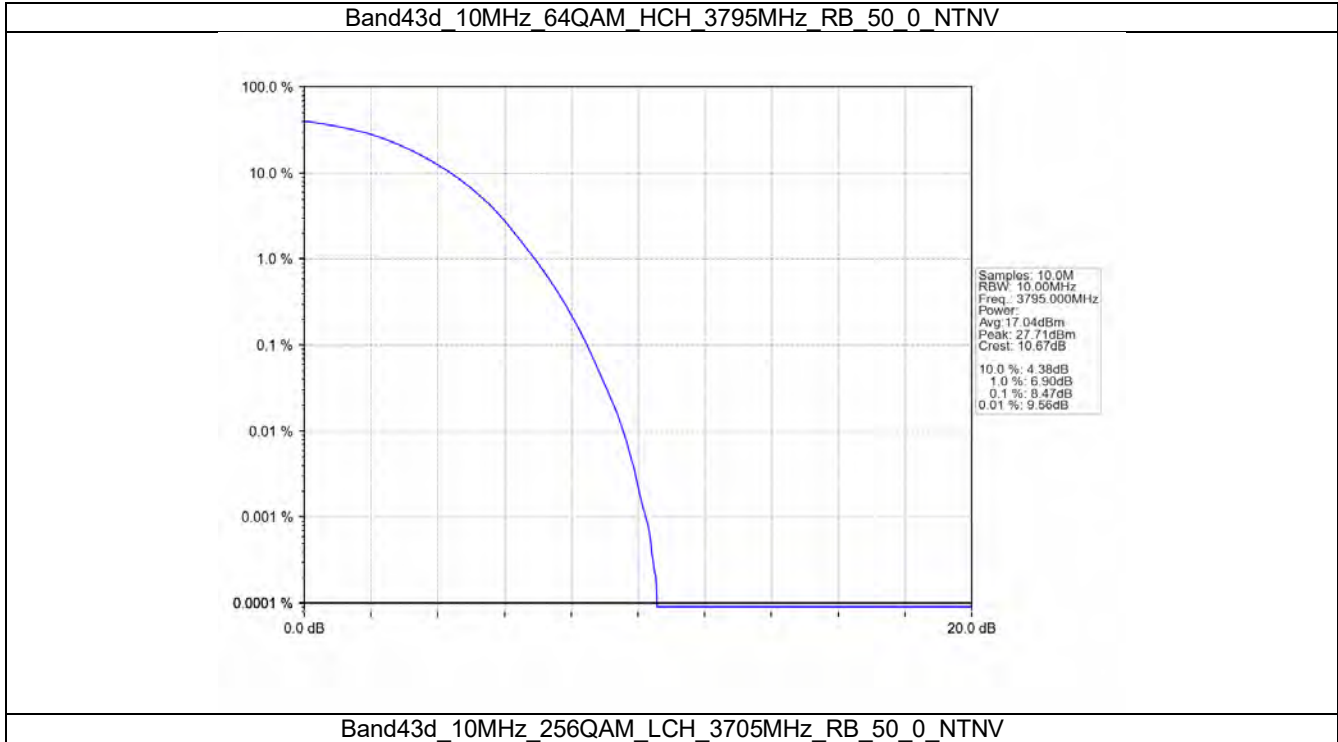


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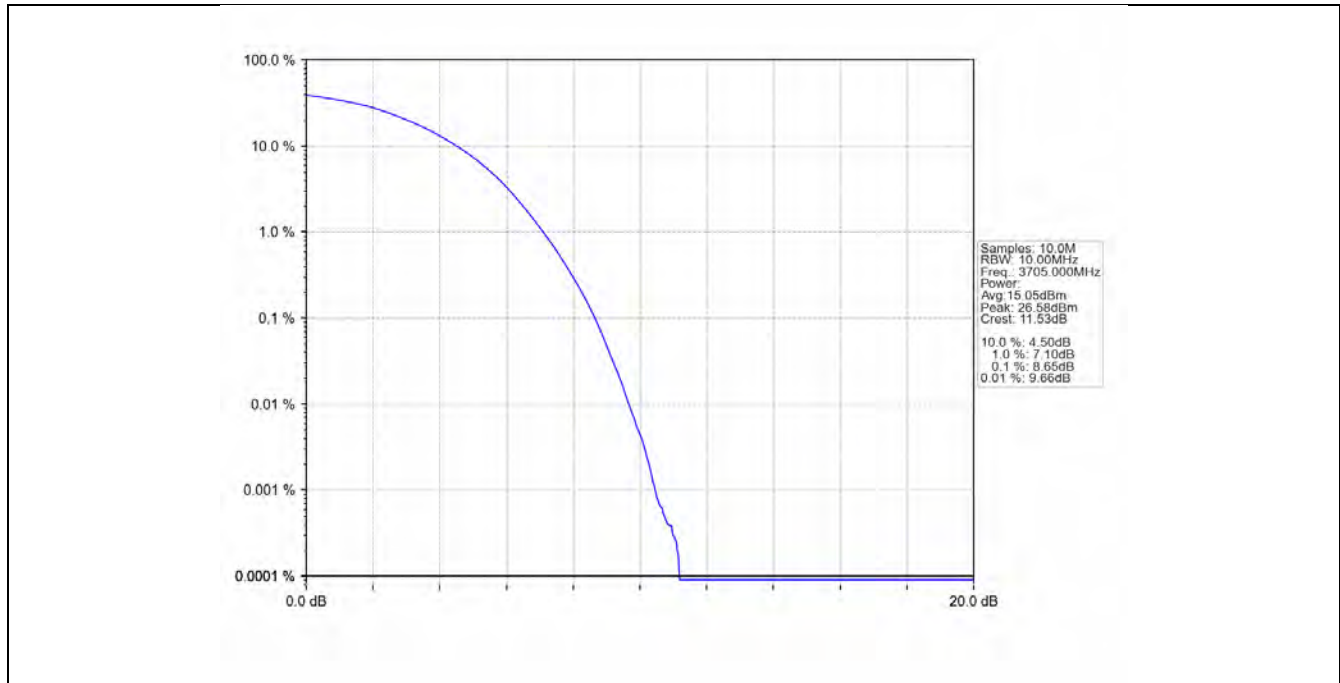


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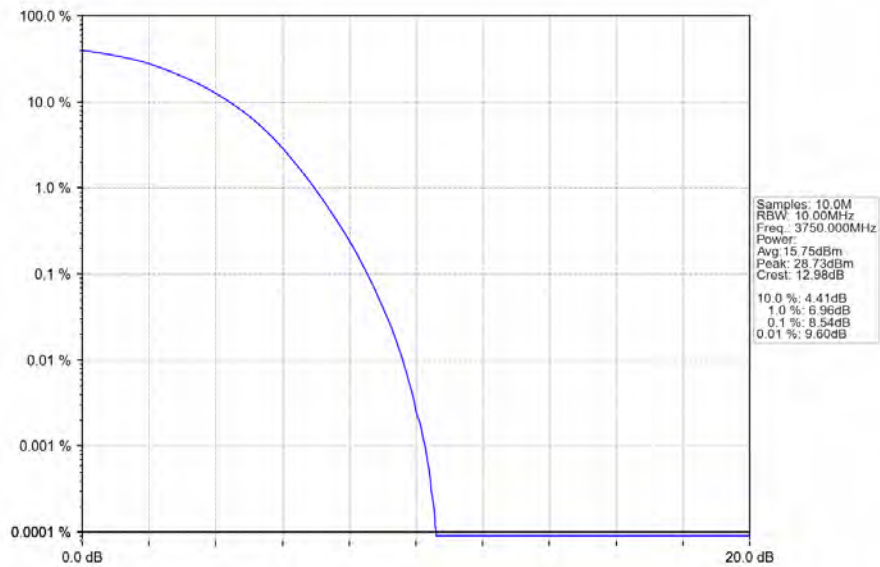
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Report No.: SZCR240100038408

Rev.: 01

Page: 146 of 387

Band43d_10MHz_256QAM_MCH_3750MHz_RB_50_0_NTNV



Band43d_10MHz_256QAM_HCH_3795MHz_RB_50_0_NTNV



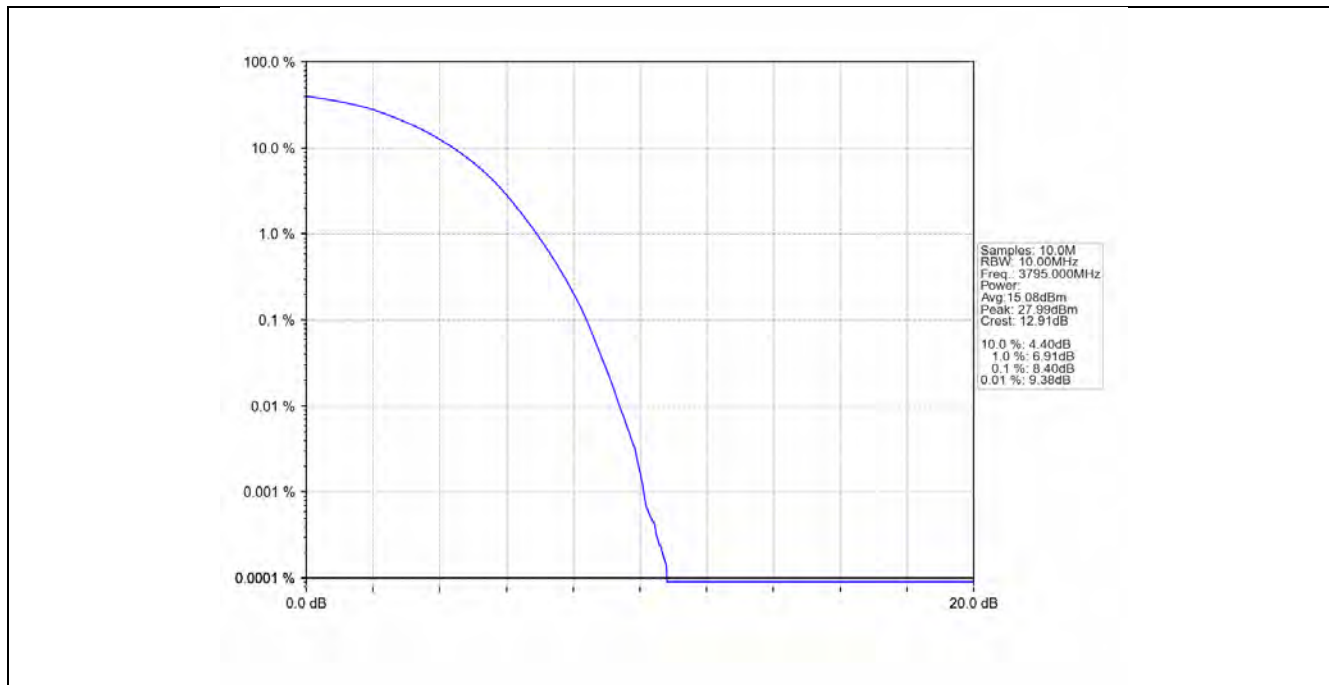
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Report No.: SZCR240100038408
Rev.: 01
Page: 147 of 387



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Report No.: SZCR240100038408

Rev.: 01

Page: 148 of 387

4.3 B43d_15MHz

4.3.1 Test Result

Band: 43d / Bandwidth: 15MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3707.5	75	0	7.65	<=13	Pass
	3750	75	0	6.81	<=13	Pass
	3792.5	75	0	7.09	<=13	Pass
16QAM	3707.5	75	0	7.77	<=13	Pass
	3750	75	0	7.62	<=13	Pass
	3792.5	75	0	7.56	<=13	Pass
64QAM	3707.5	75	0	8.30	<=13	Pass
	3750	75	0	8.56	<=13	Pass
	3792.5	75	0	8.04	<=13	Pass
256QAM	3707.5	75	0	8.06	<=13	Pass
	3750	75	0	8.80	<=13	Pass
	3792.5	75	0	8.02	<=13	Pass



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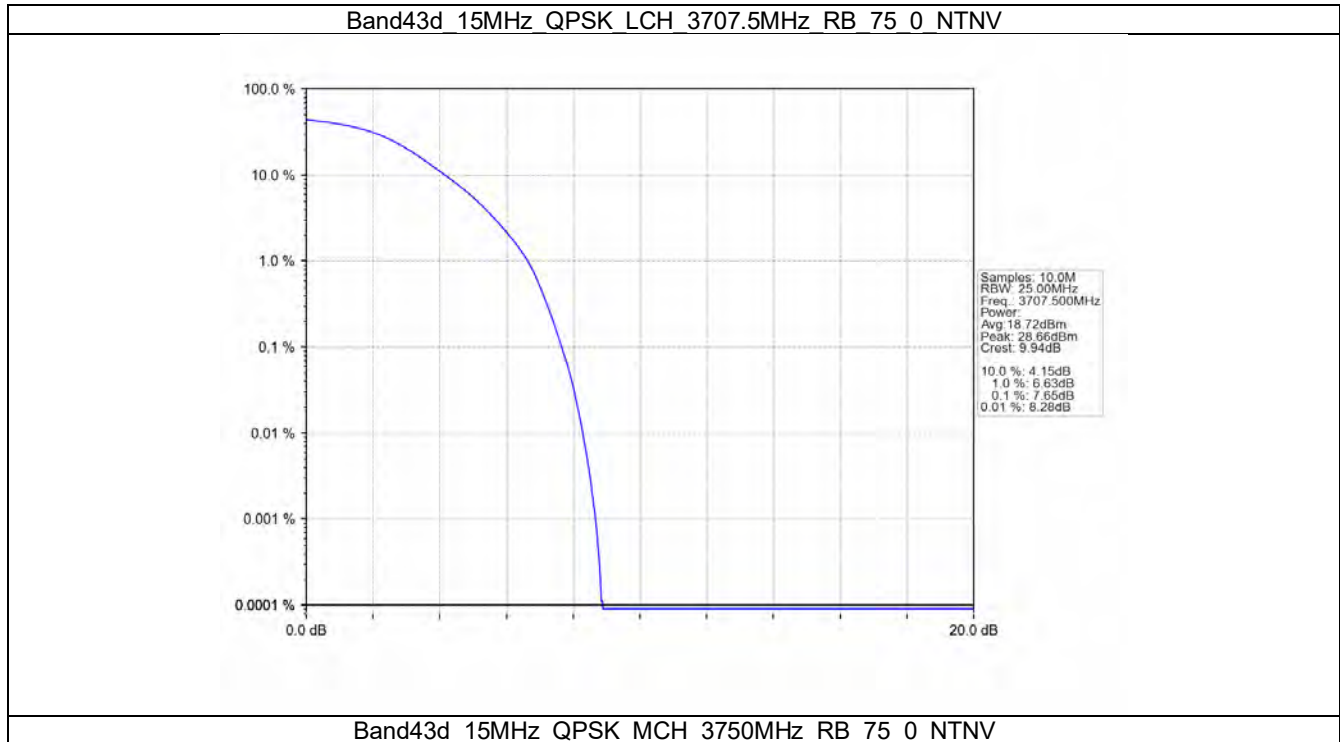


Report No.: SZCR240100038408

Rev.: 01

Page: 149 of 387

4.3.2 Test Graph



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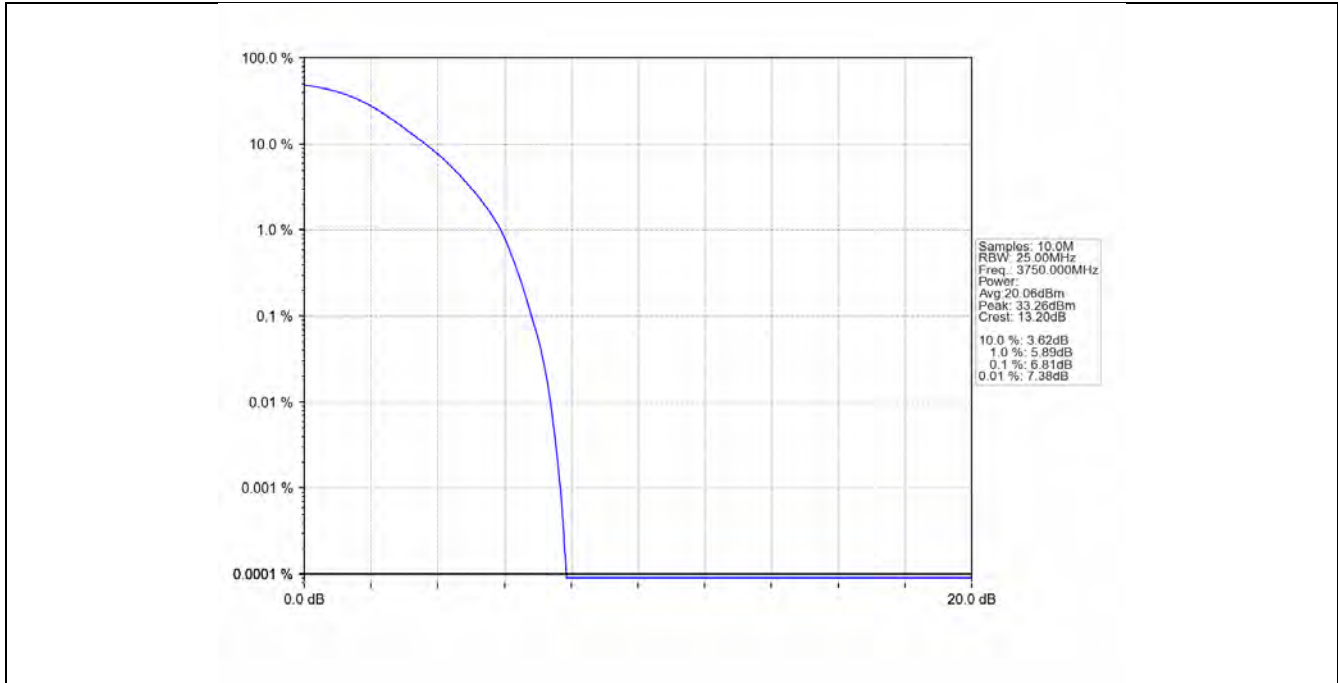


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Rev.: 01

Page: 150 of 387



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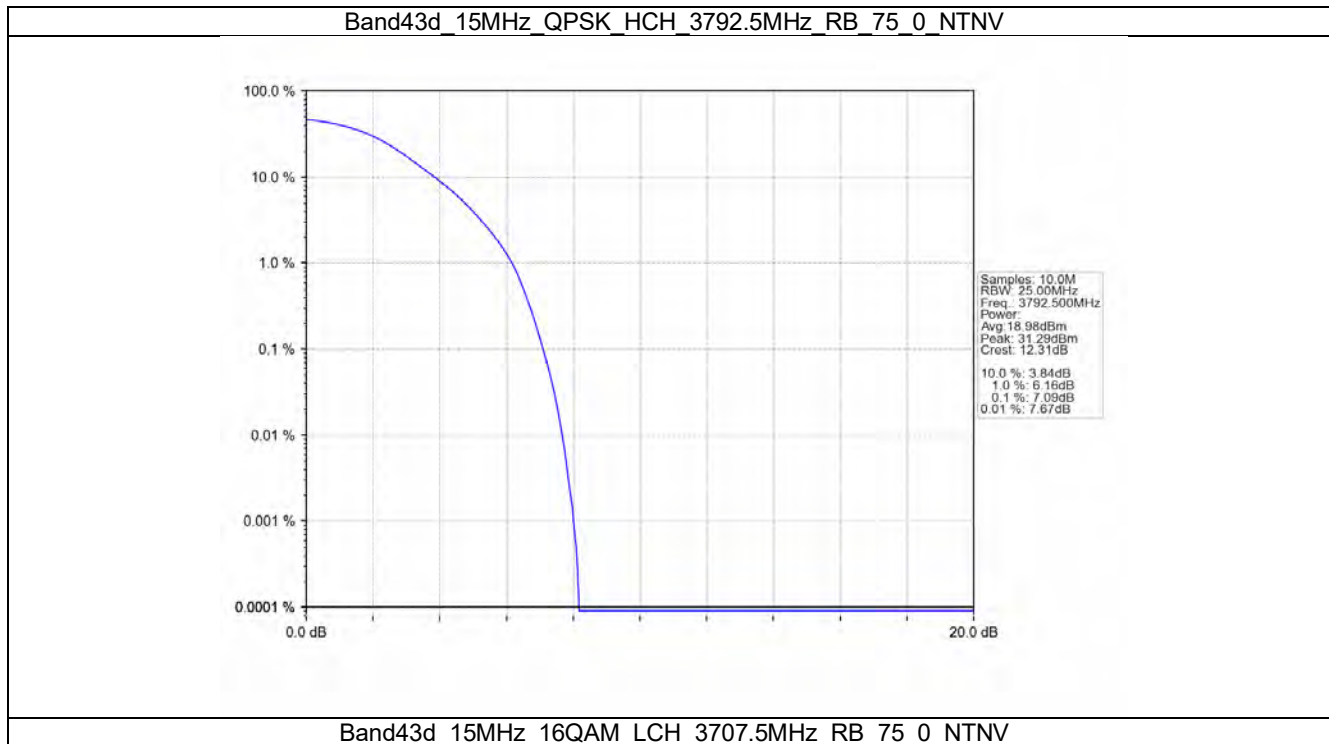
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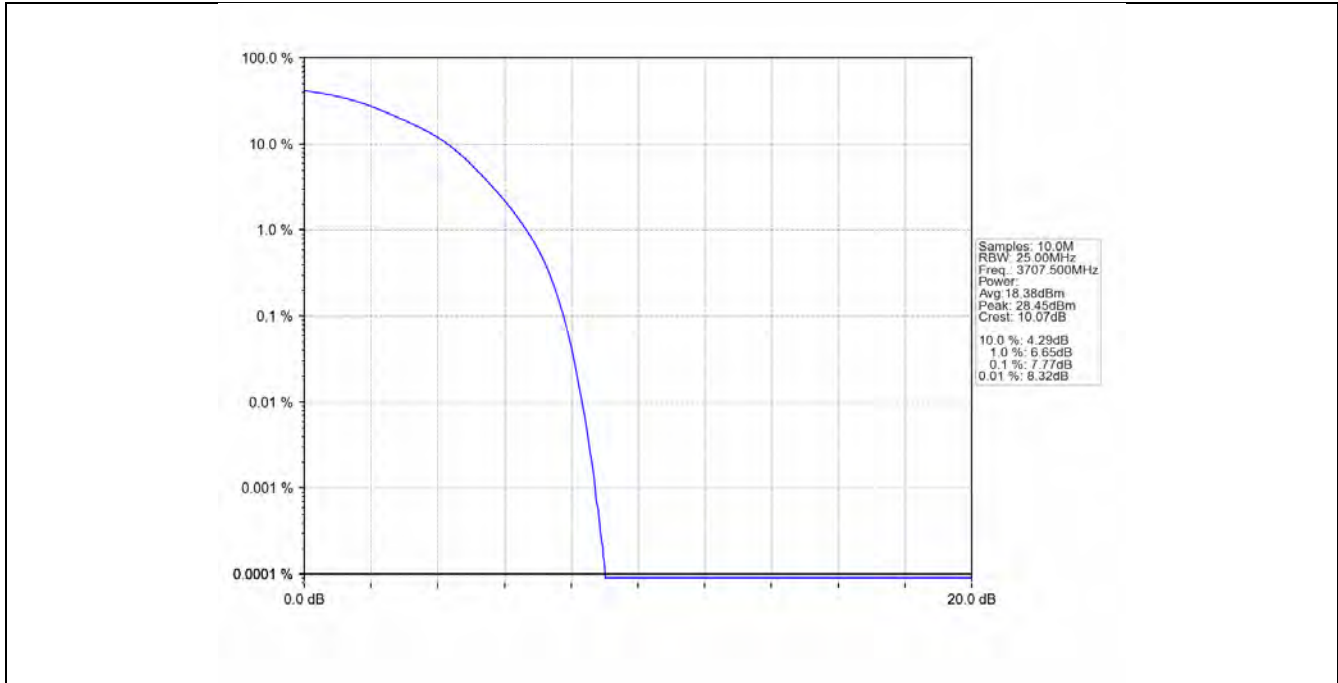


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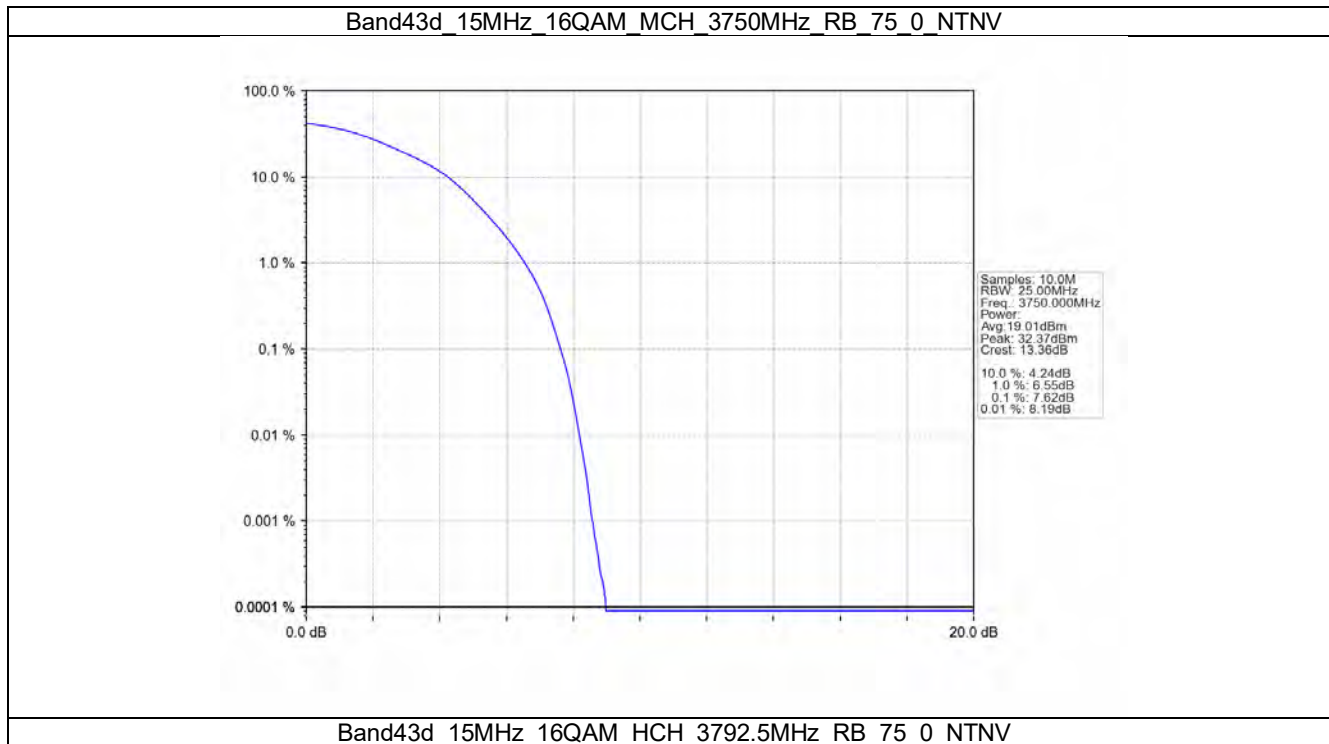
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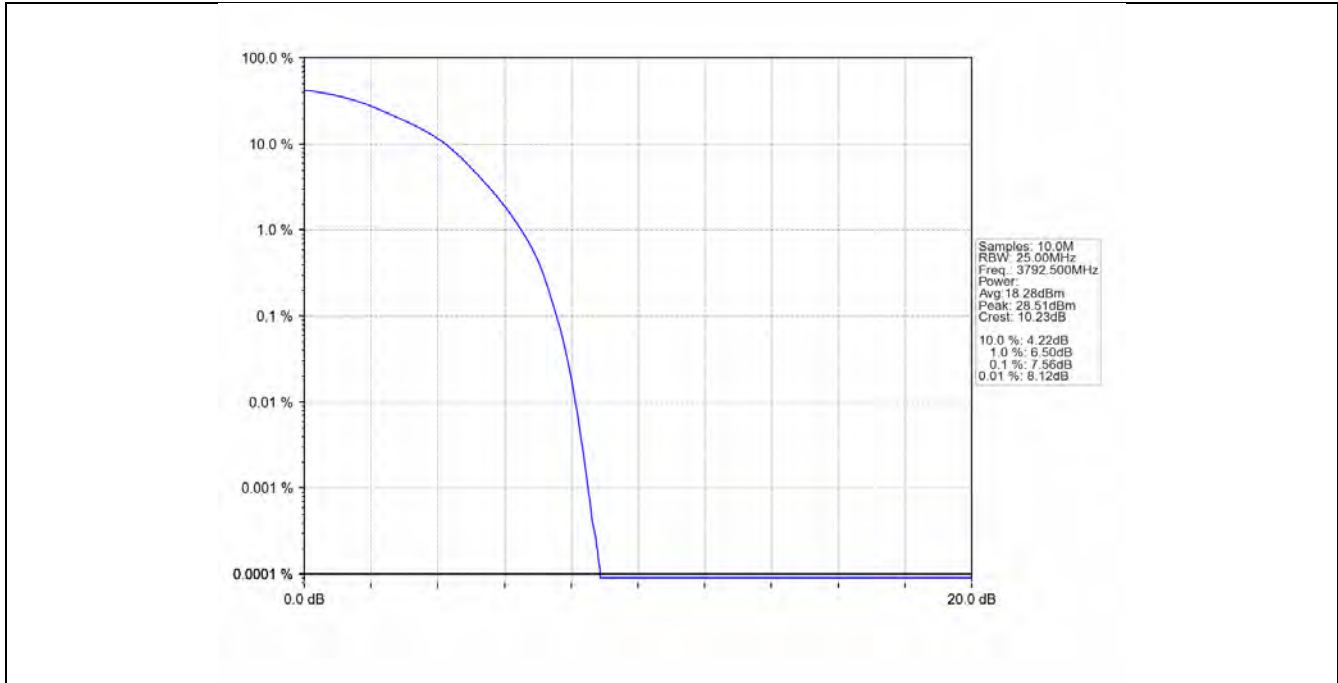


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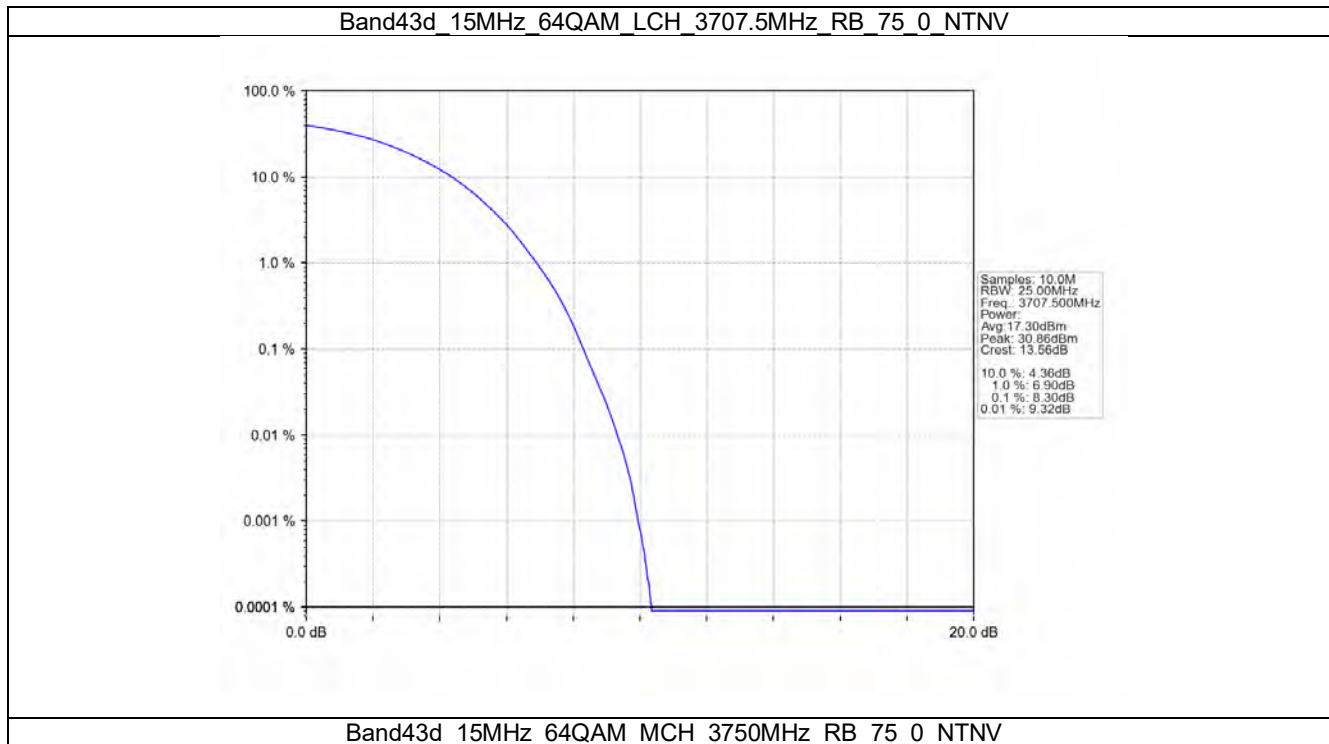
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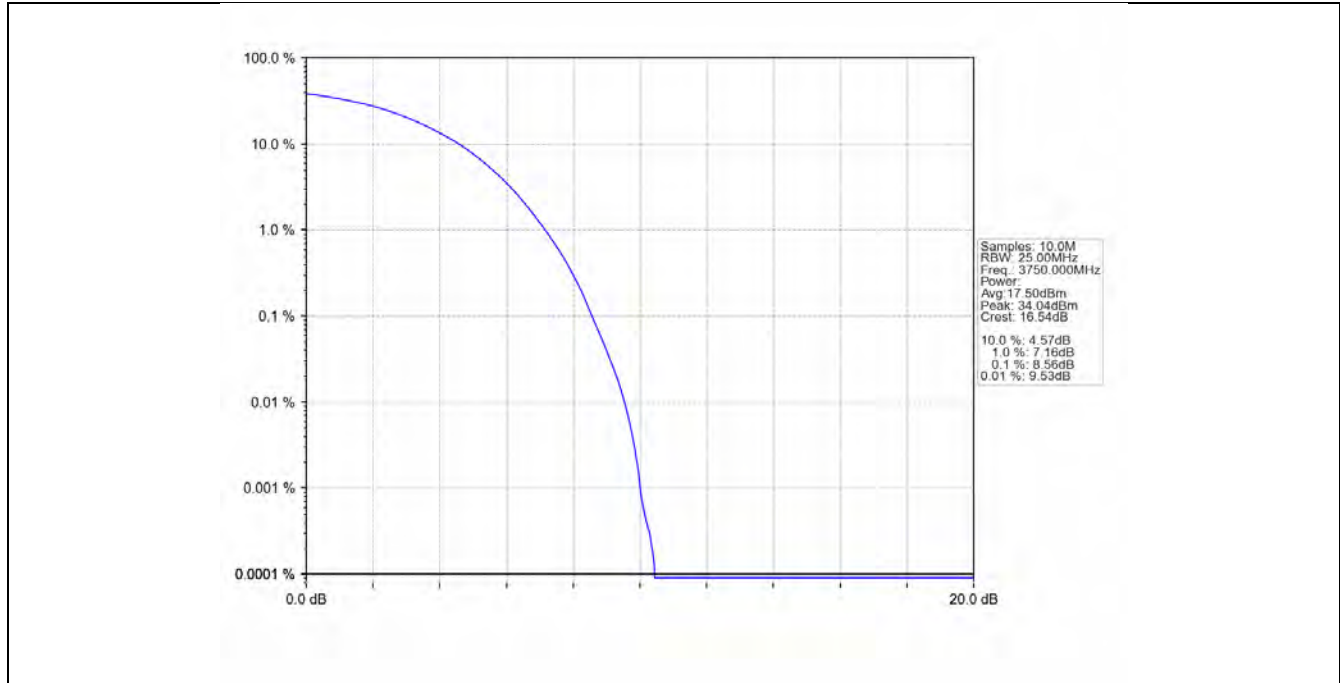


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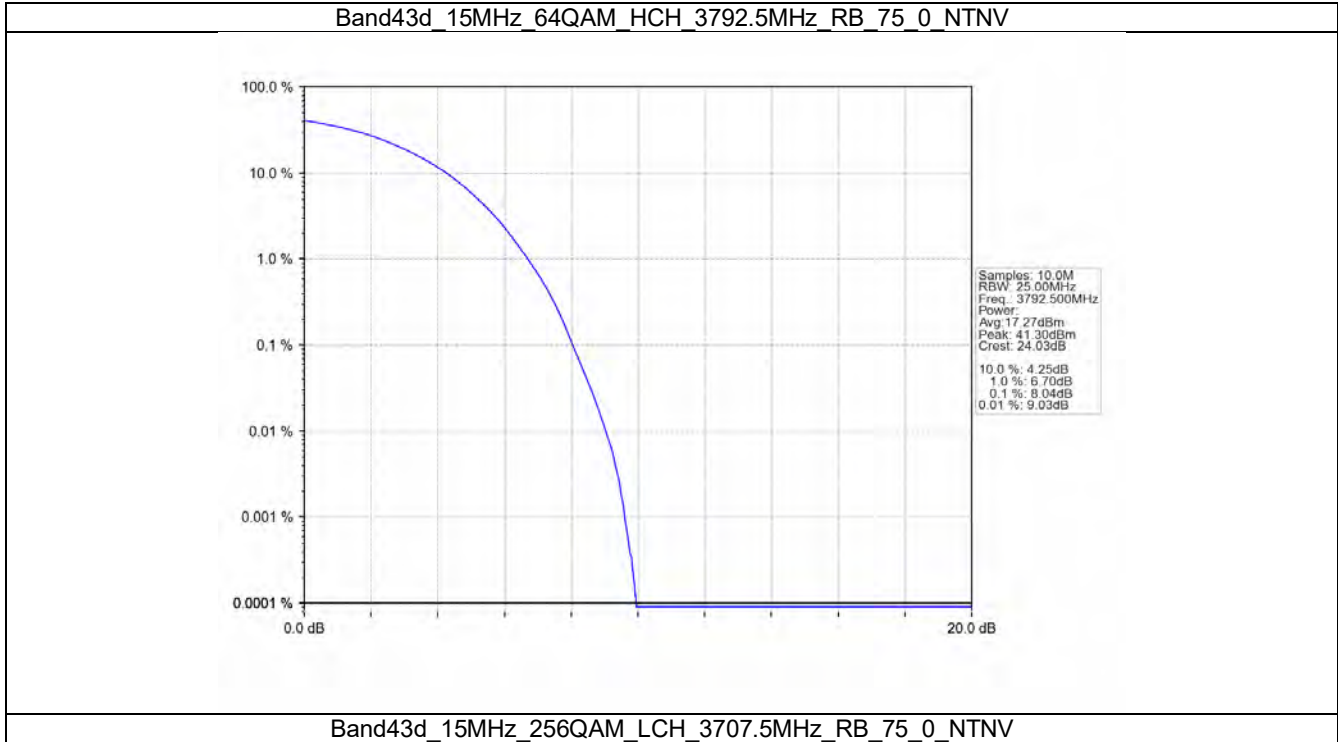


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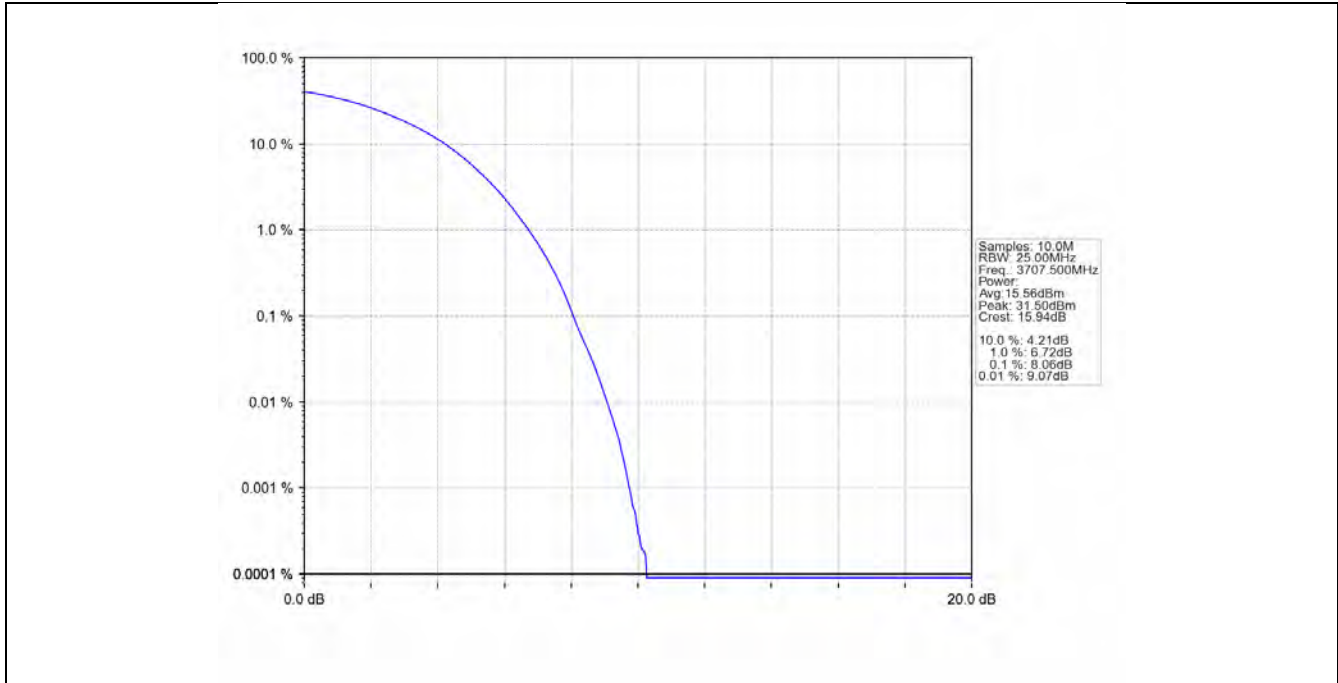


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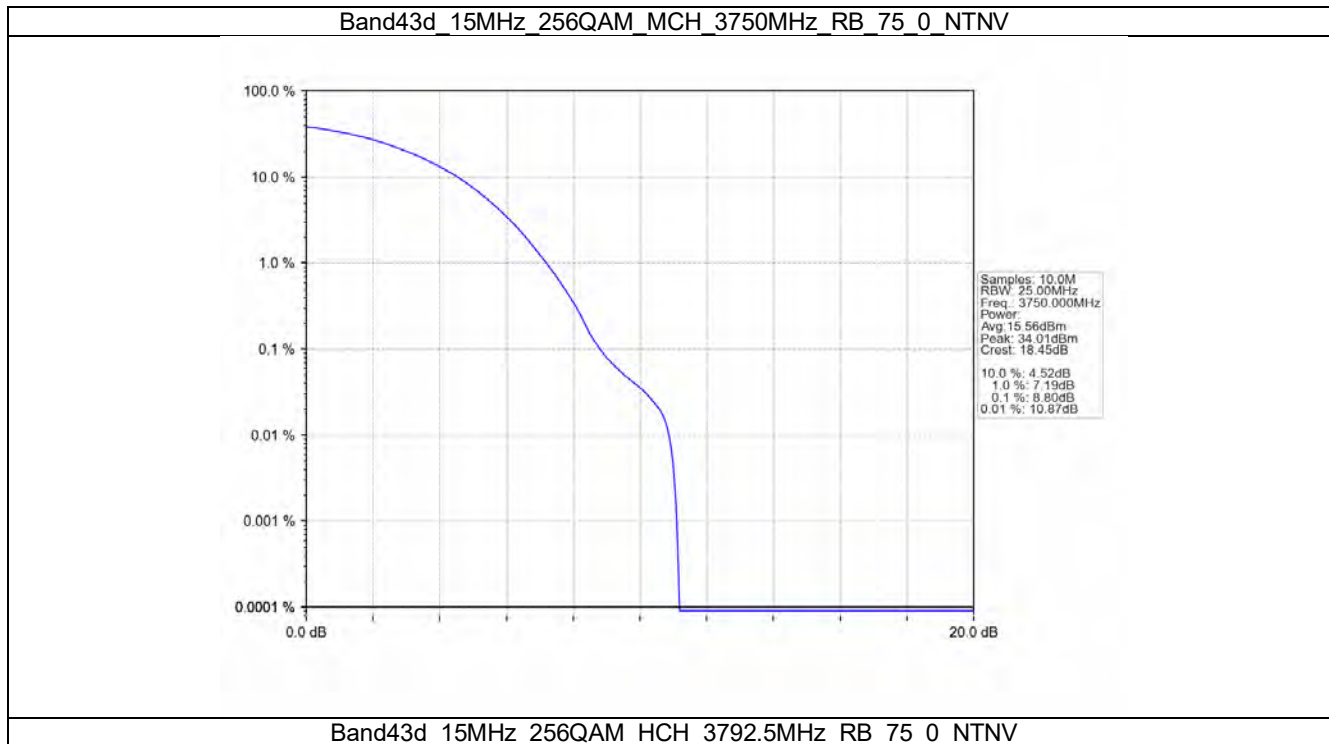
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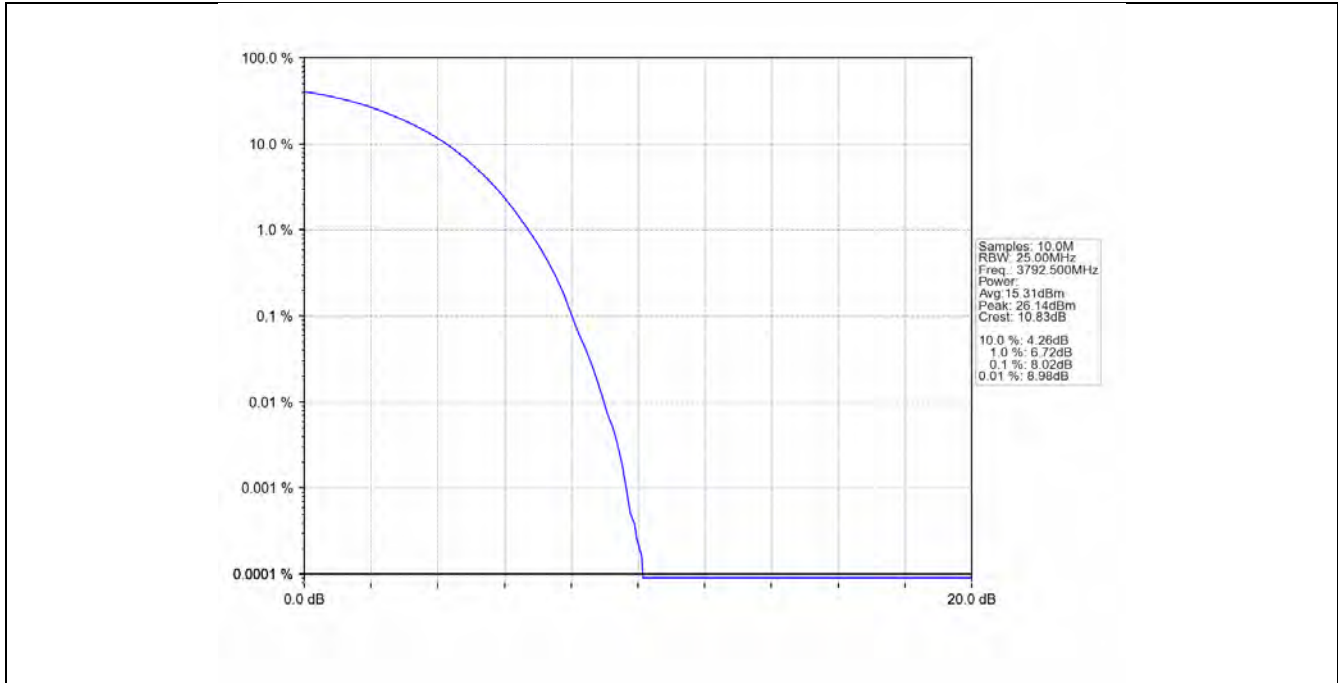


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Report No.: SZCR240100038408

Rev.: 01

Page: 161 of 387

4.4 B43d_20MHz

4.4.1 Test Result

Band: 43d / Bandwidth: 20MHz / NTNv						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	3710	100	0	6.83	<=13	Pass
	3750	100	0	6.85	<=13	Pass
	3790	100	0	6.87	<=13	Pass
16QAM	3710	100	0	7.85	<=13	Pass
	3750	100	0	7.50	<=13	Pass
	3790	100	0	7.50	<=13	Pass
64QAM	3710	100	0	8.56	<=13	Pass
	3750	100	0	8.48	<=13	Pass
	3790	100	0	8.41	<=13	Pass
256QAM	3710	100	0	8.62	<=13	Pass
	3750	100	0	8.26	<=13	Pass
	3790	100	0	8.42	<=13	Pass



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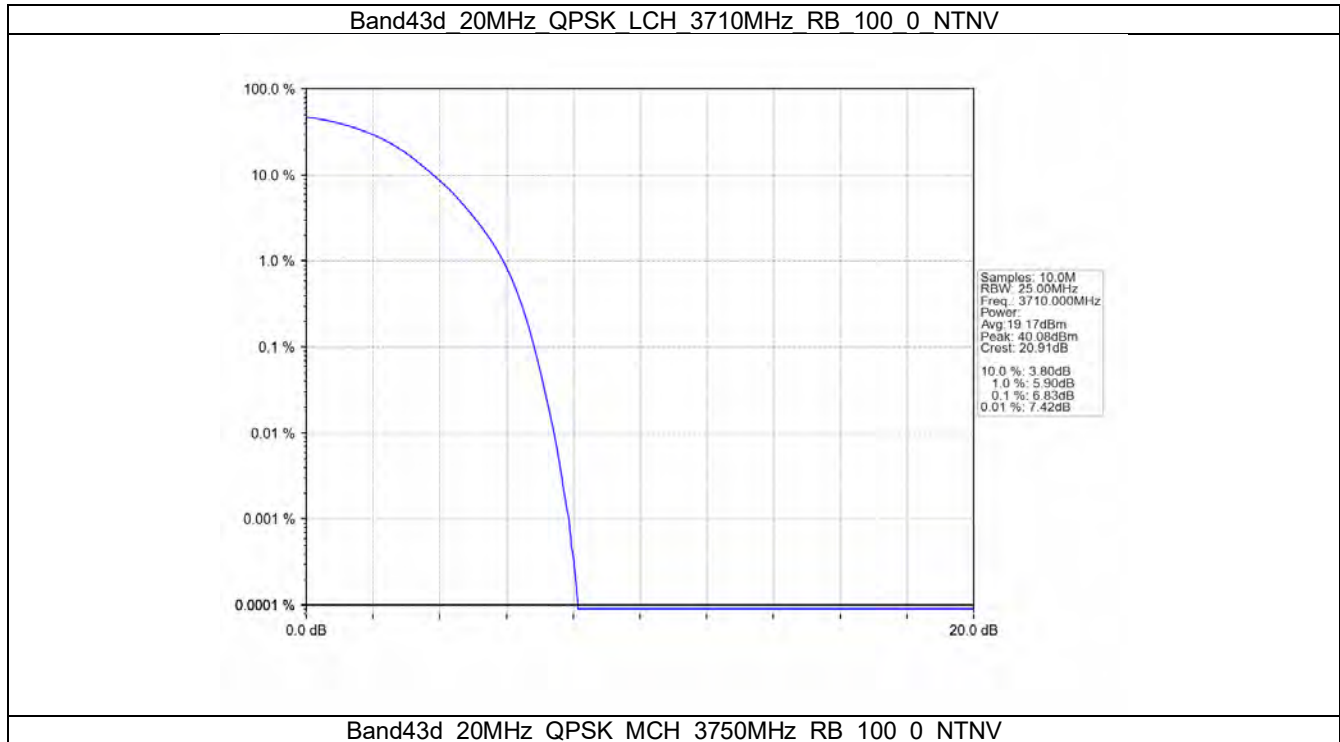


Report No.: SZCR240100038408

Rev.: 01

Page: 162 of 387

4.4.2 Test Graph



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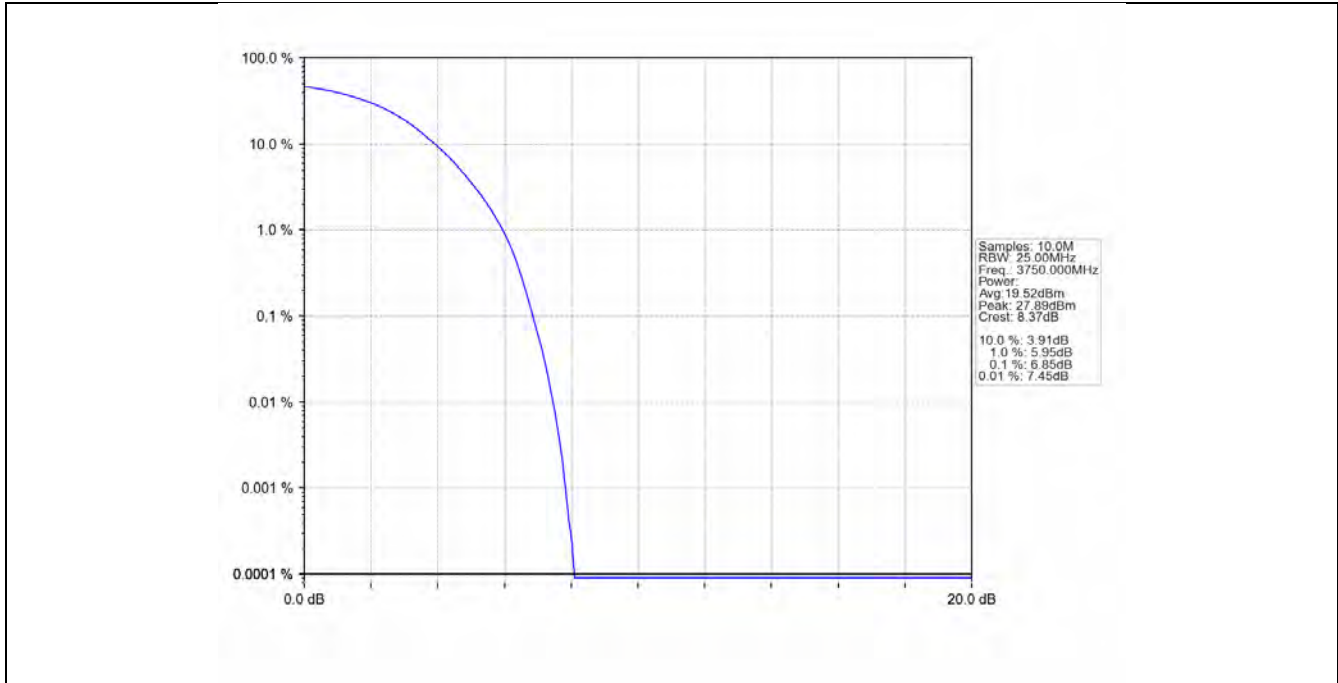


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Report No.: SZCR240100038408

Rev.: 01

Page: 163 of 387



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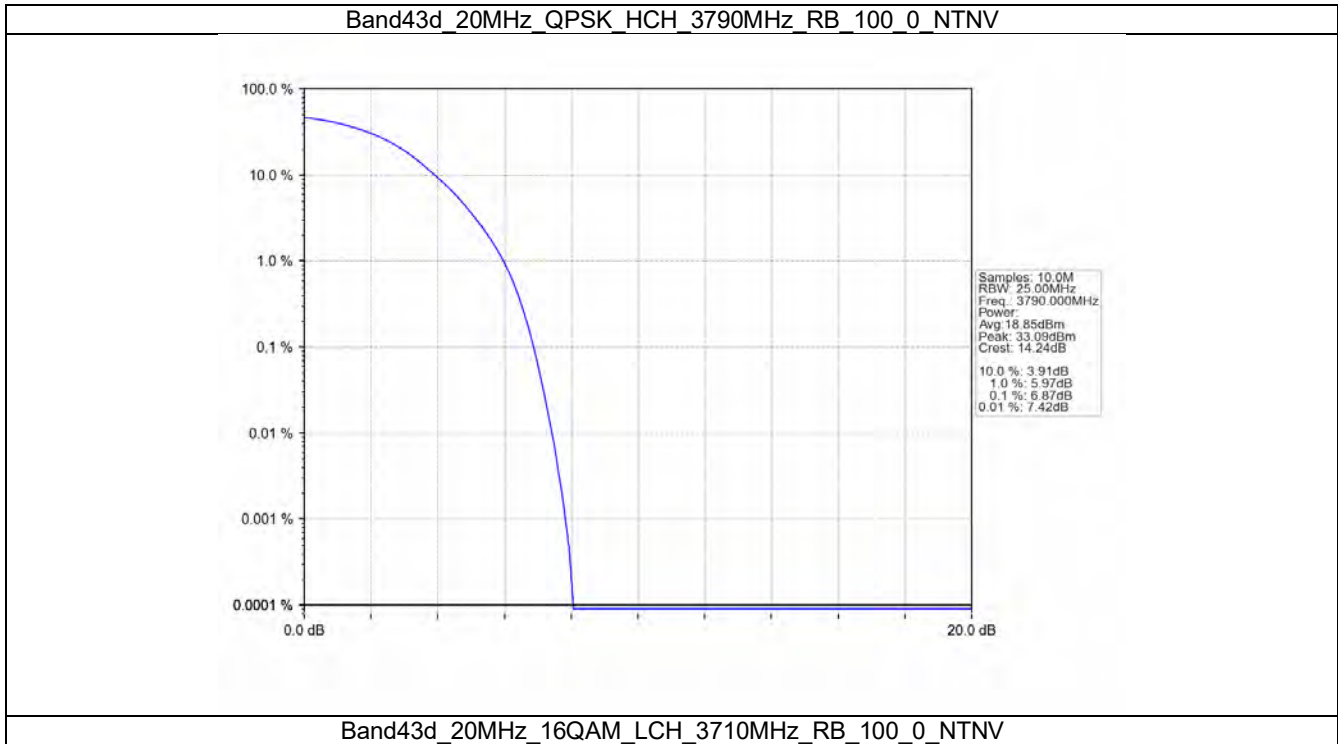


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Report No.: SZCR240100038408

Rev.: 01

Page: 164 of 387



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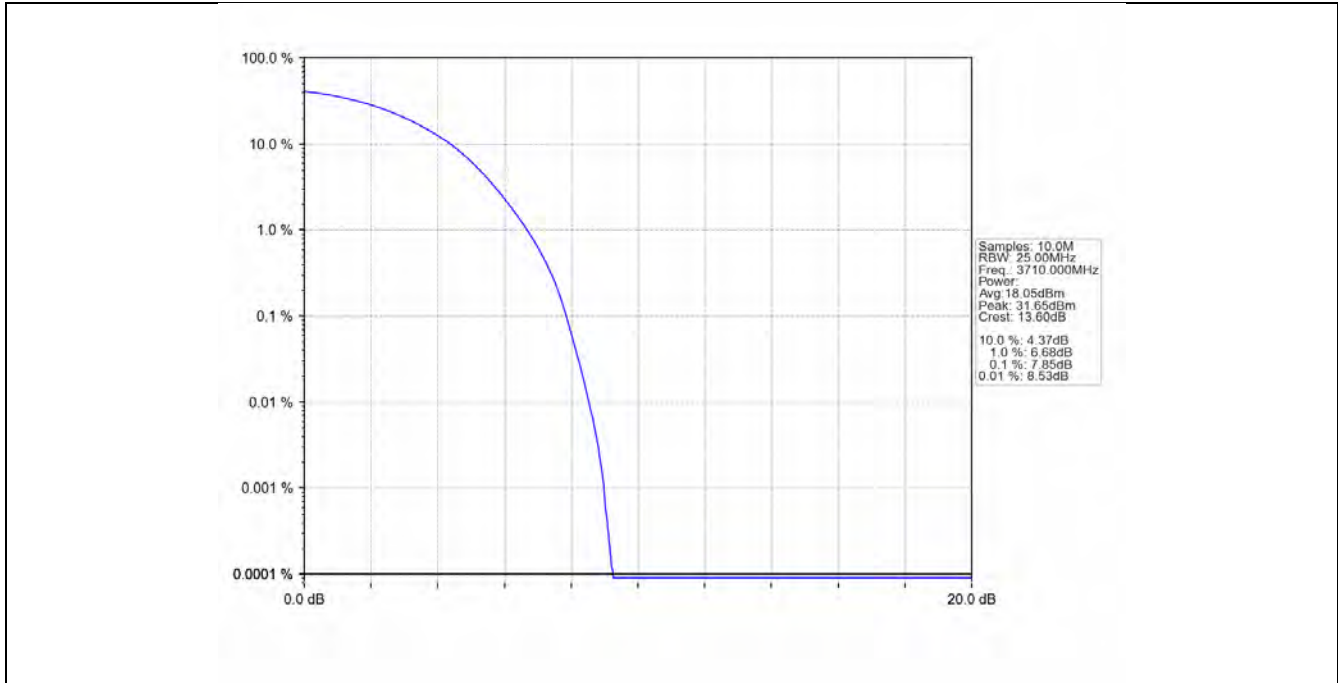


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Report No.: SZCR240100038408

Rev.: 01

Page: 165 of 387



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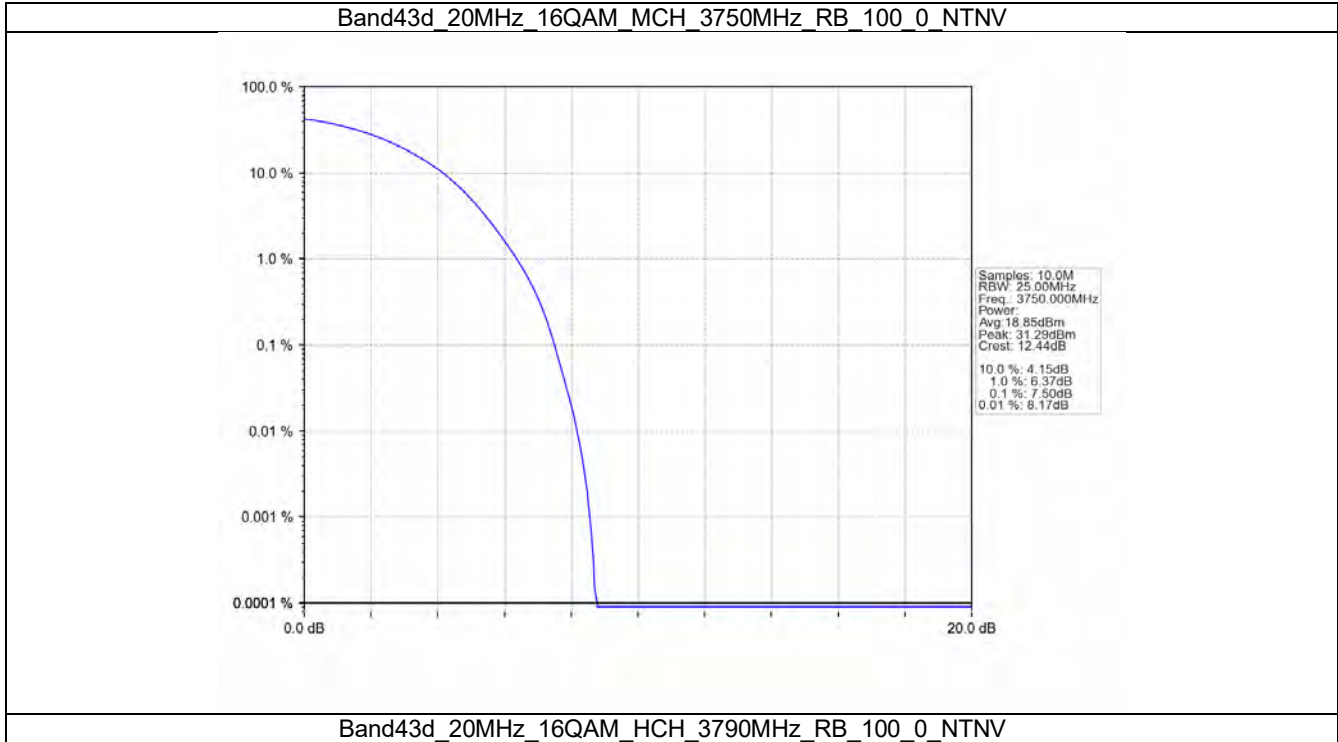


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Report No.: SZCR240100038408

Rev.: 01

Page: 166 of 387



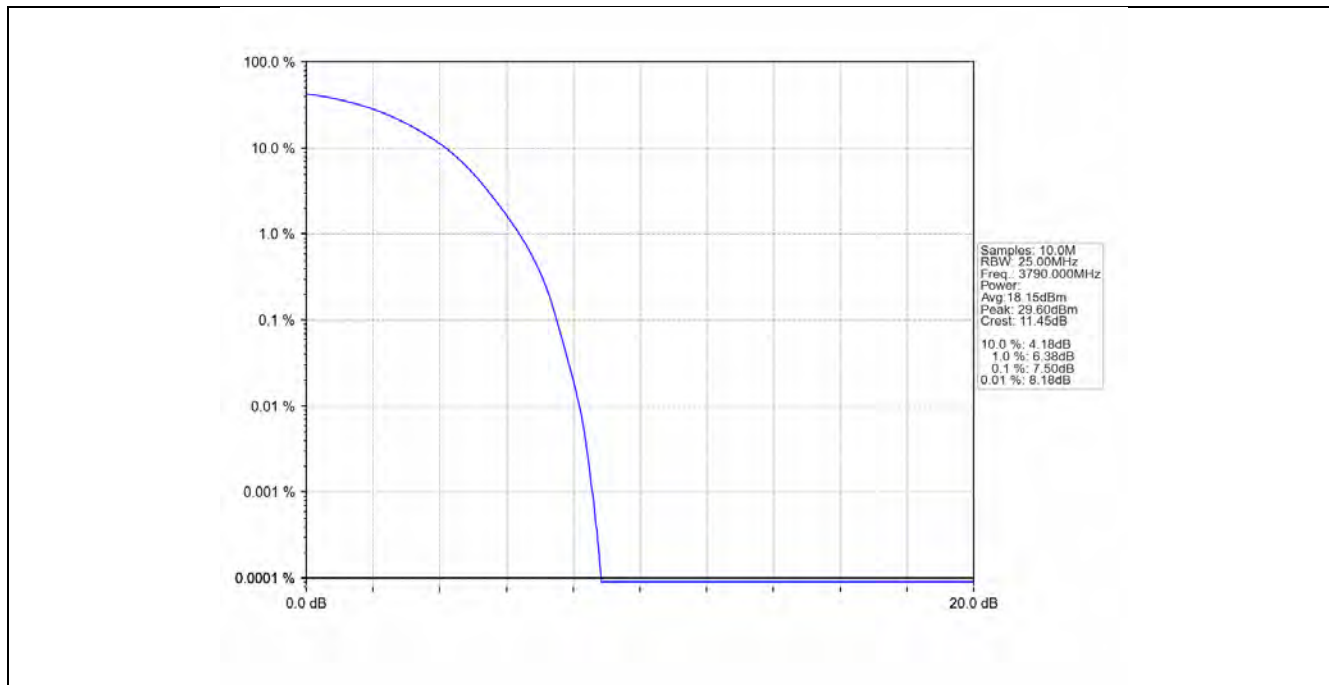
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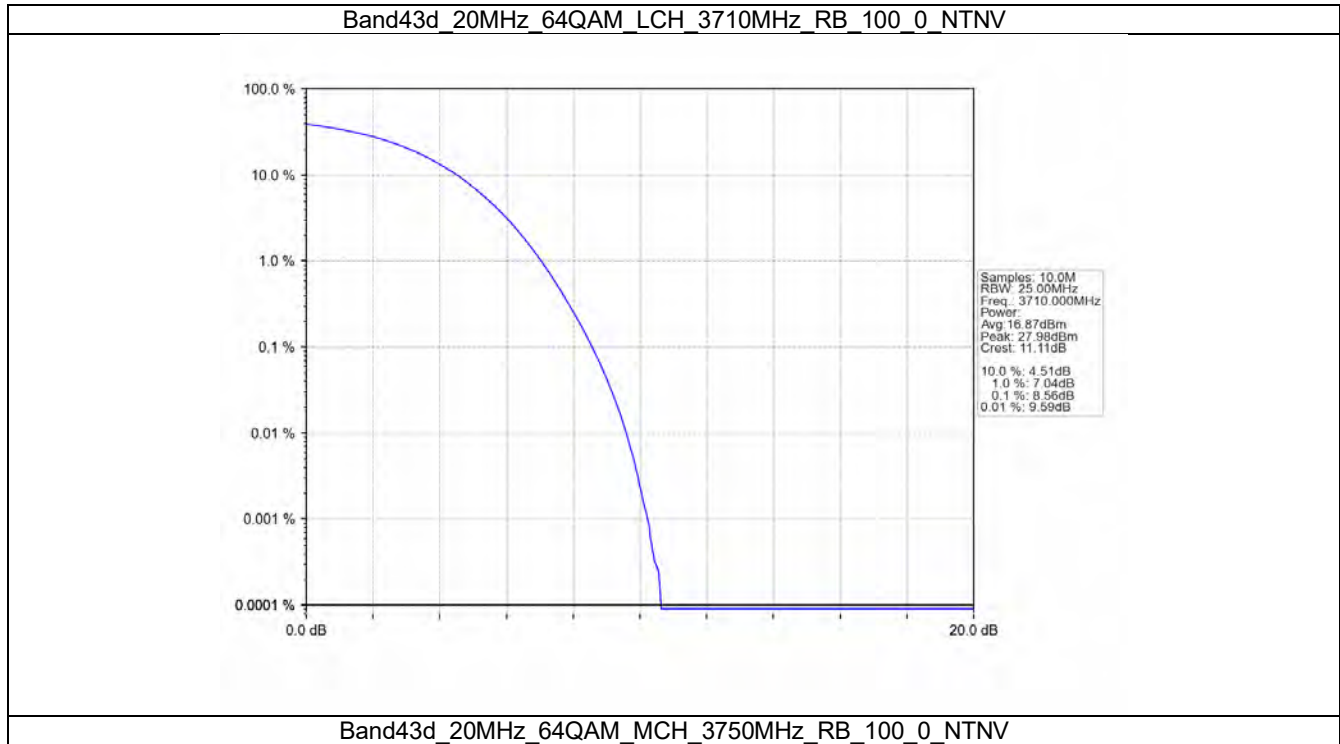


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Rev.: 01

Page: 168 of 387



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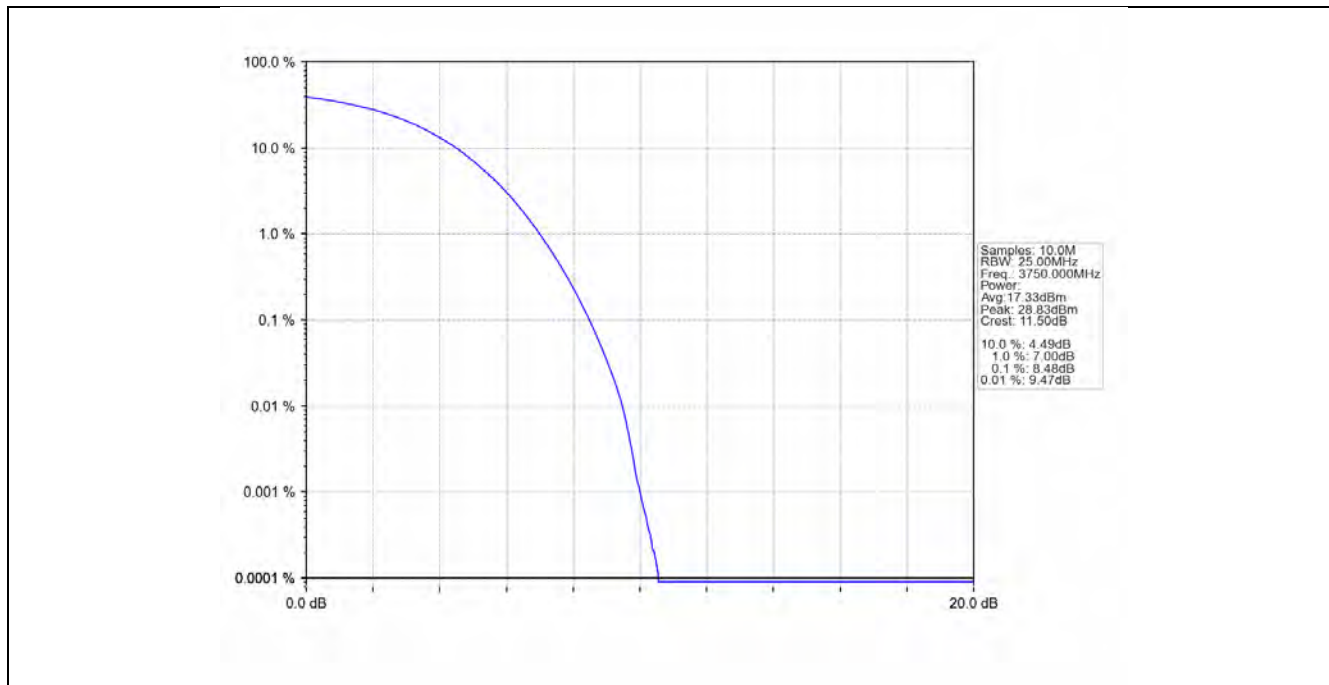
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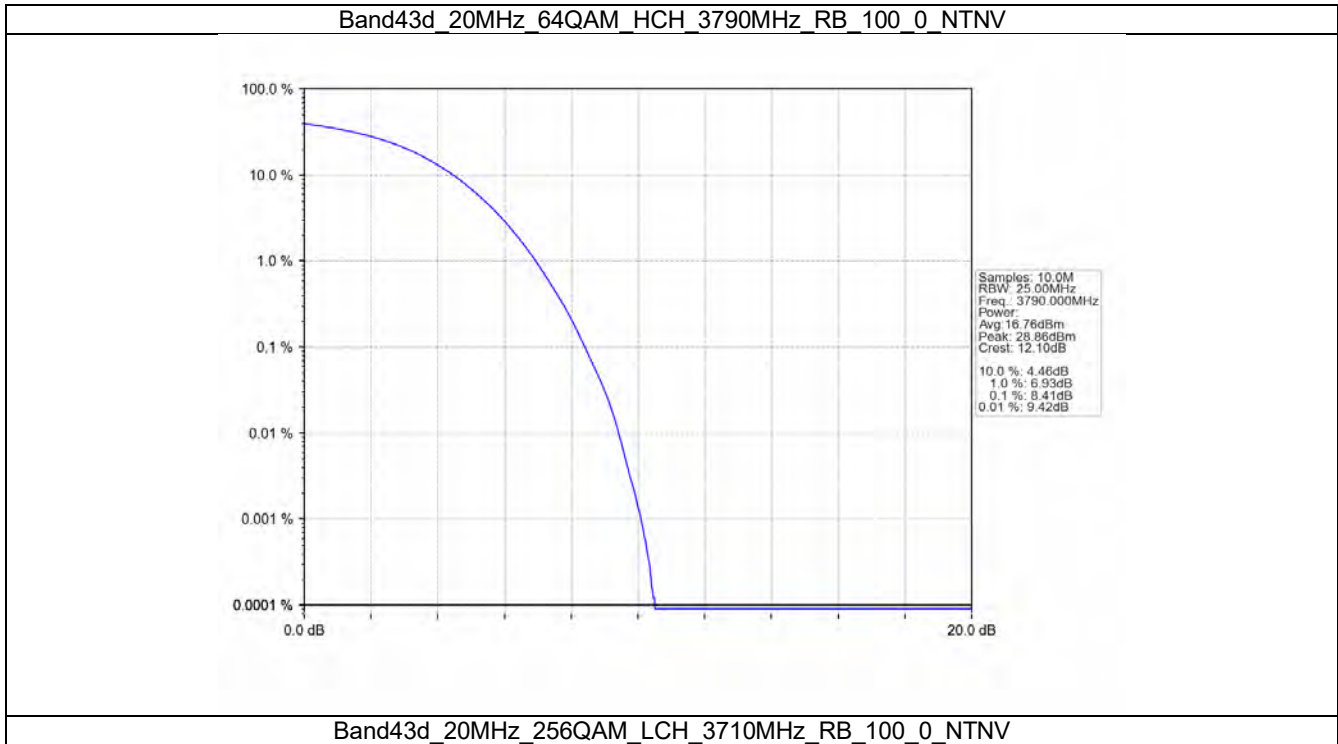


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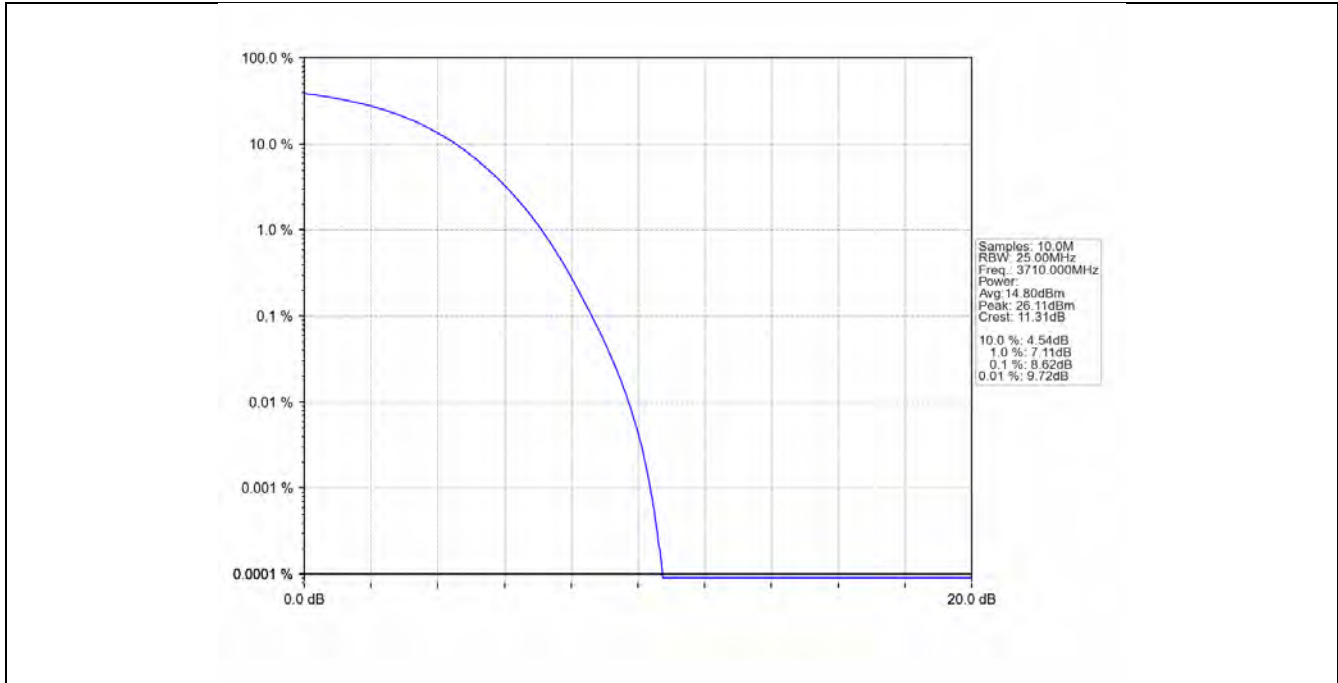


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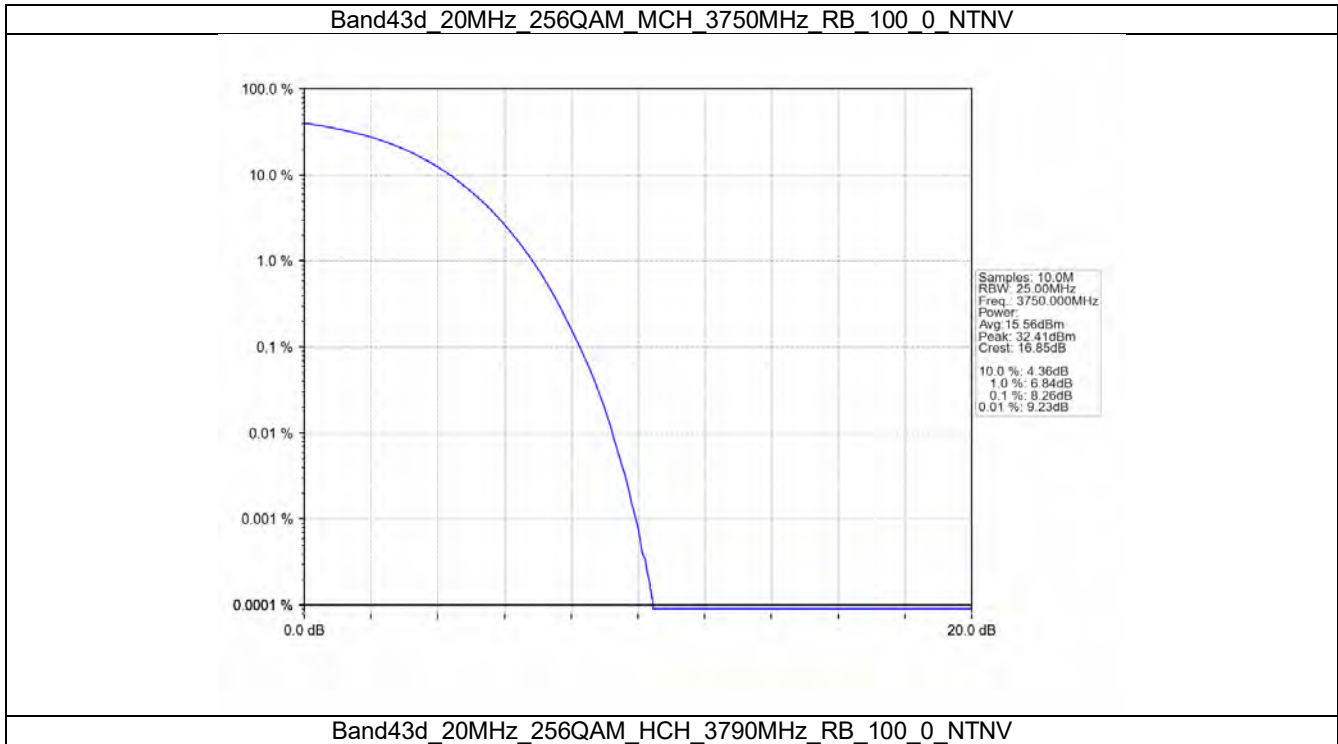


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Rev.: 01

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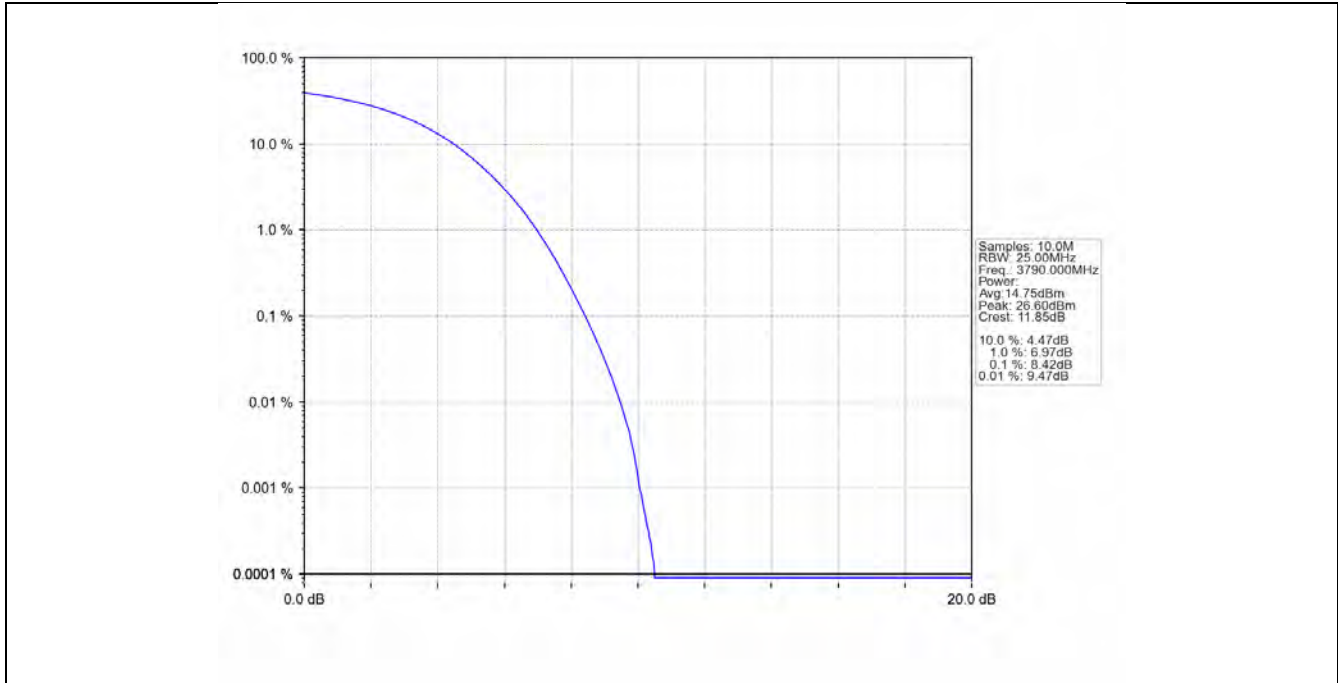


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Report No.: SZCR240100038408

Rev.: 01

Page: 174 of 387

5. Spurious Emission & Band Edges

5.1 B43d_5MHz

5.1.1 Test Result

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



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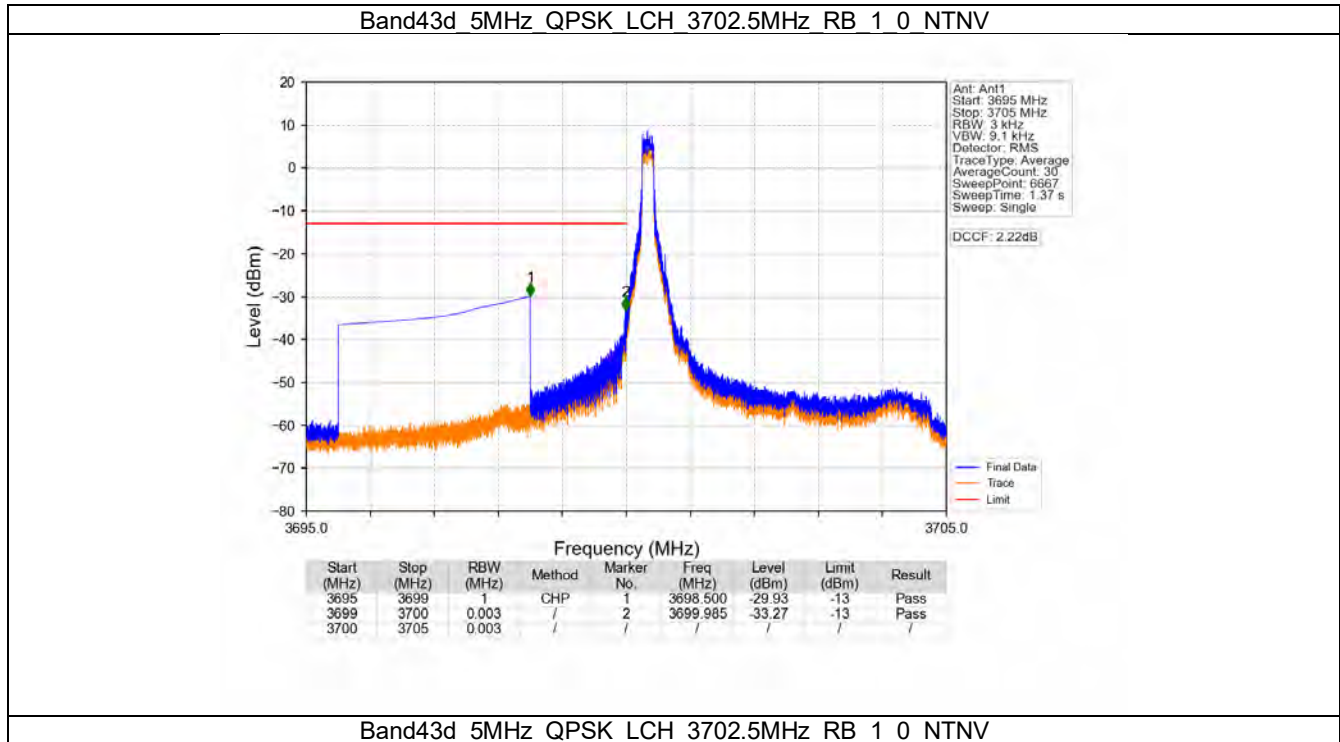
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Rev.: 01

Page: 175 of 387

5.1.2 Test Graph



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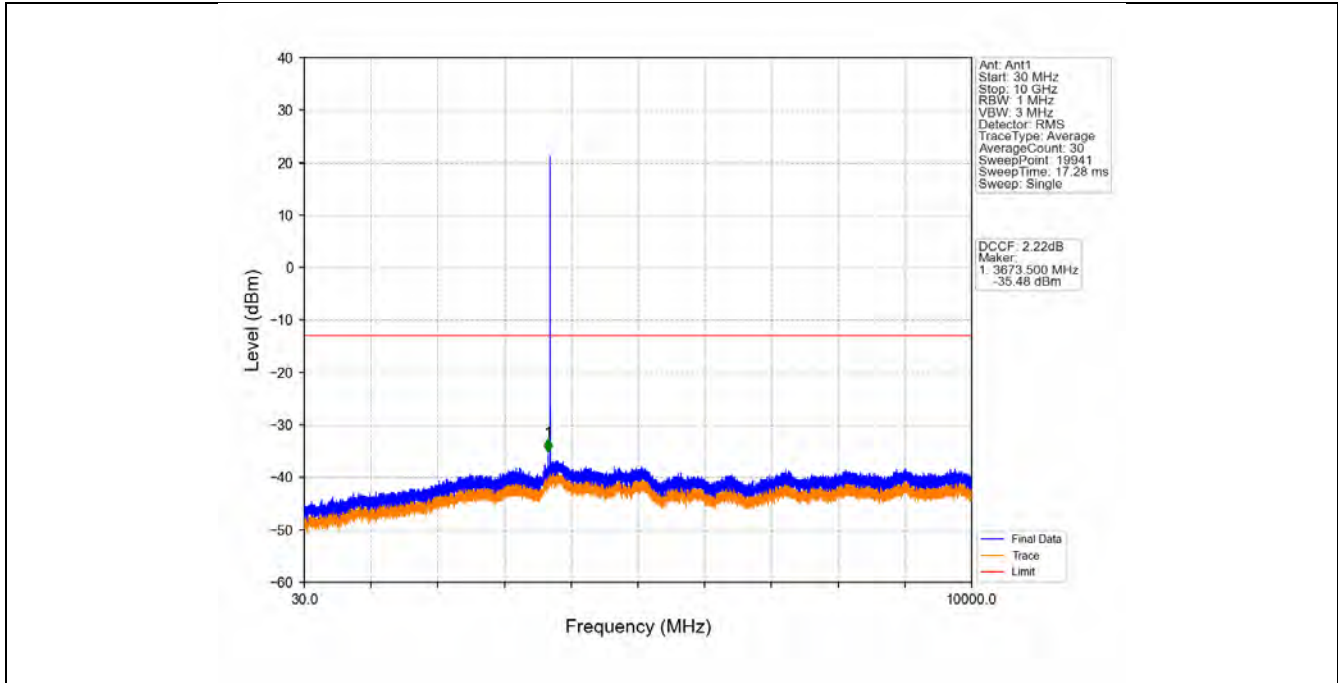


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Report No.: SZCR240100038408

Rev.: 01

Page: 176 of 387



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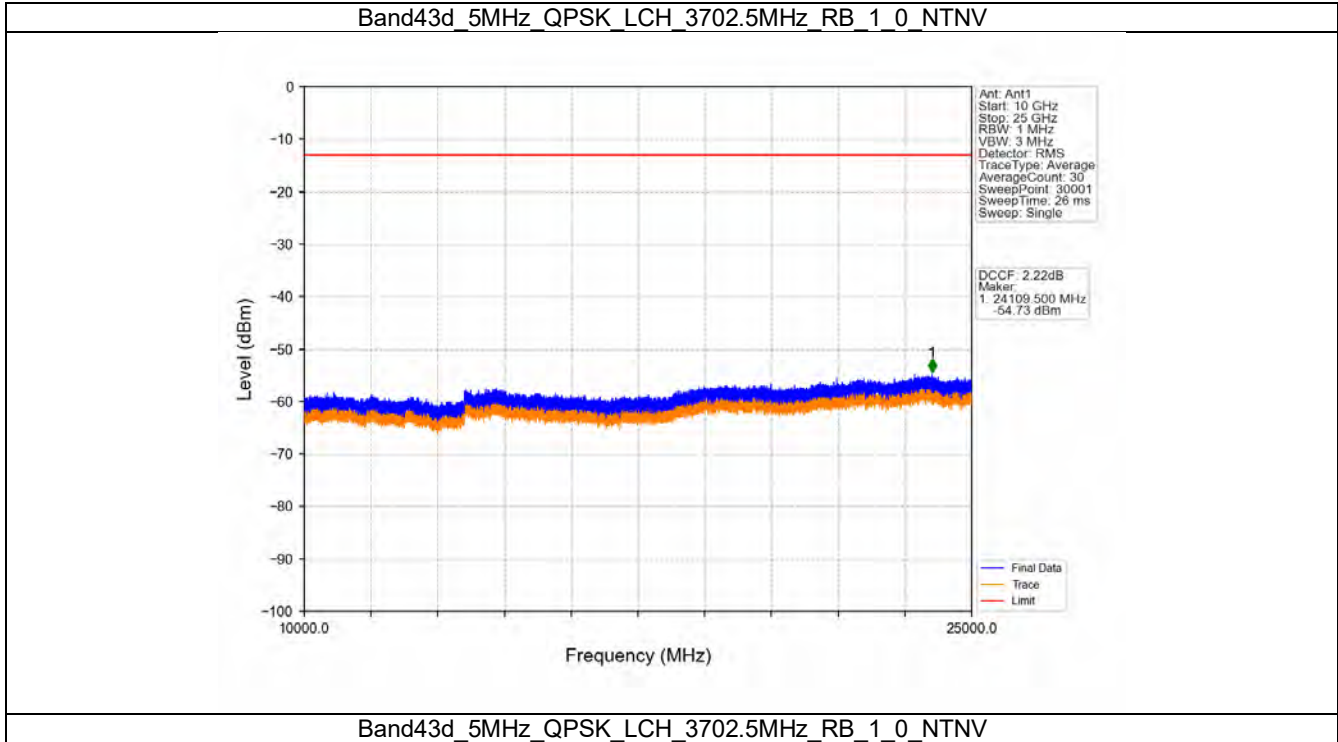


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Report No.: SZCR240100038408

Rev.: 01

Page: 177 of 387



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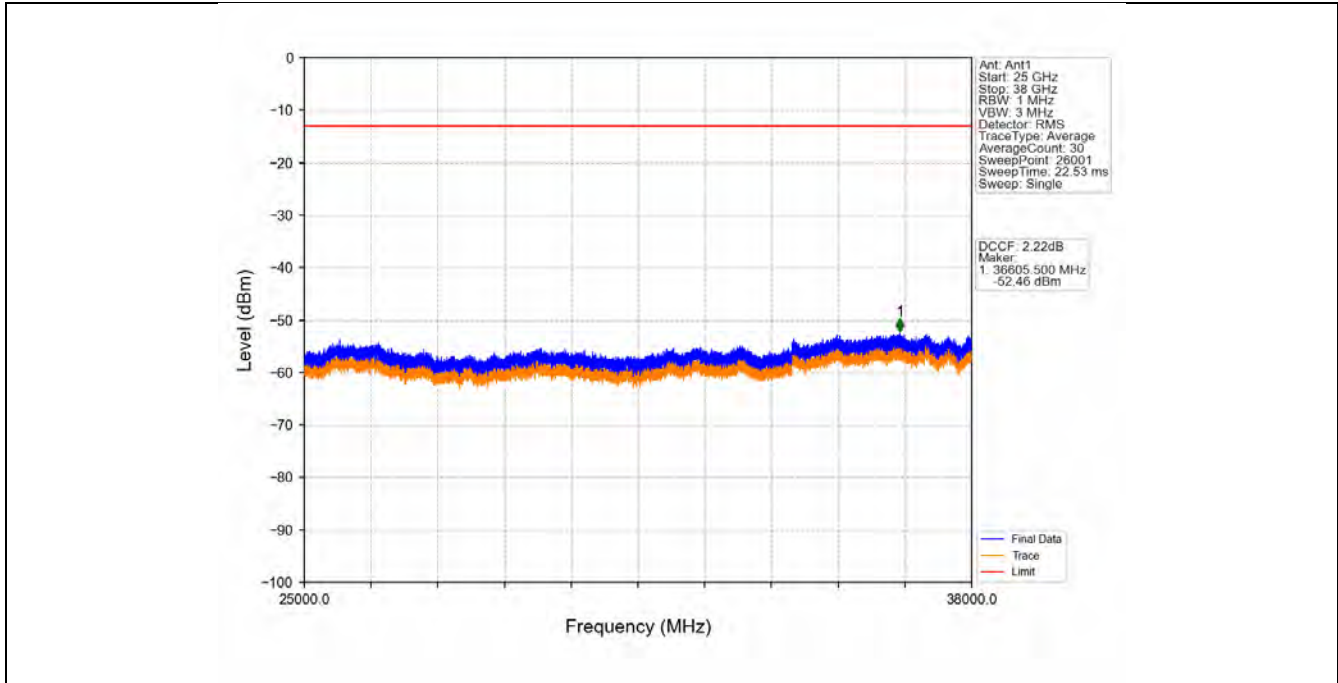


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Report No.: SZCR240100038408

Rev.: 01

Page: 178 of 387



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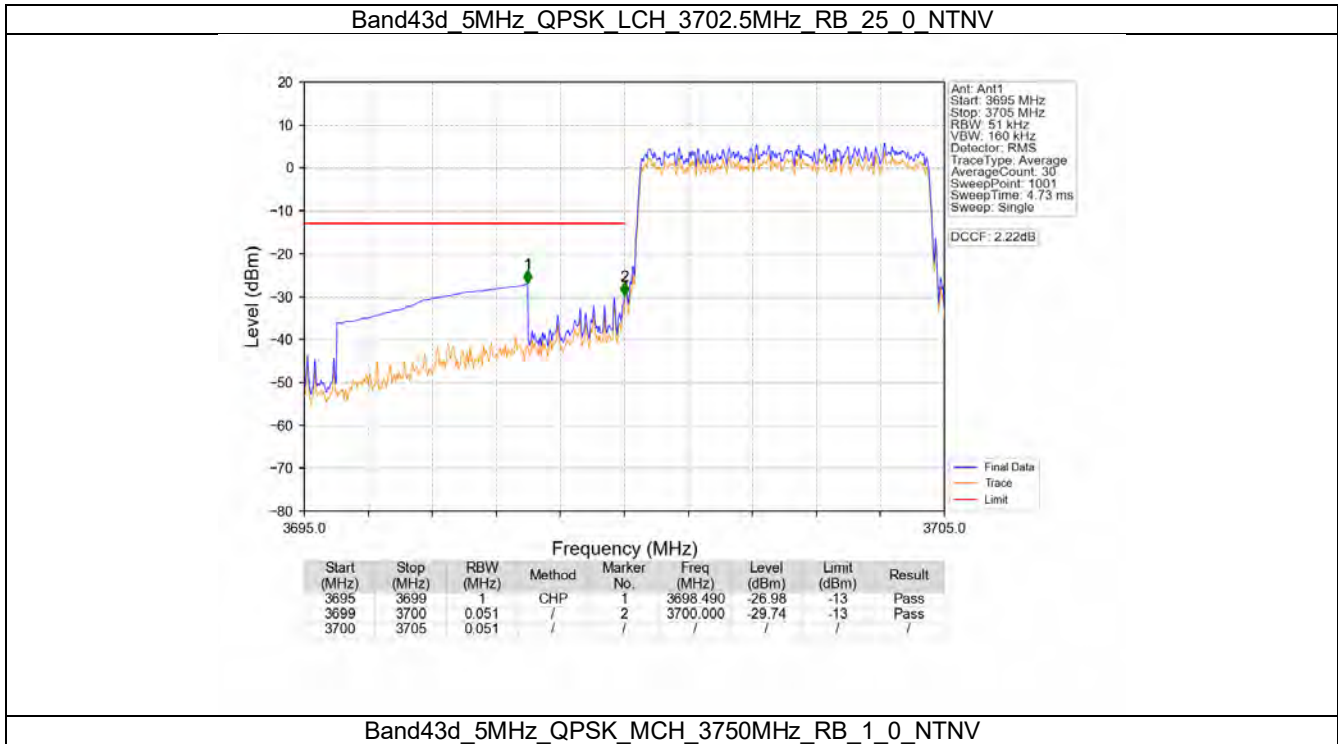


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Report No.: SZCR240100038408

Rev.: 01

Page: 179 of 387



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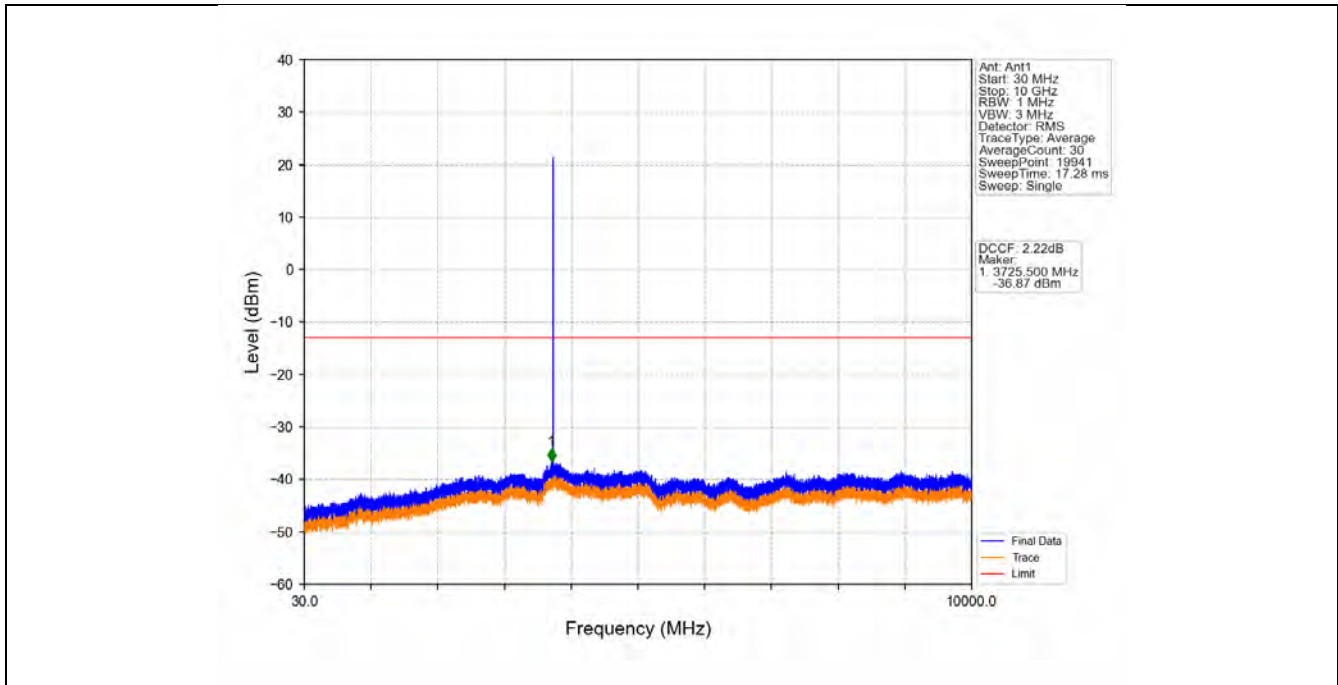


**SGS-CSTC Standards Technical Services Co., Ltd.
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Report No.: SZCR240100038408

Rev.: 01

Page: 180 of 387



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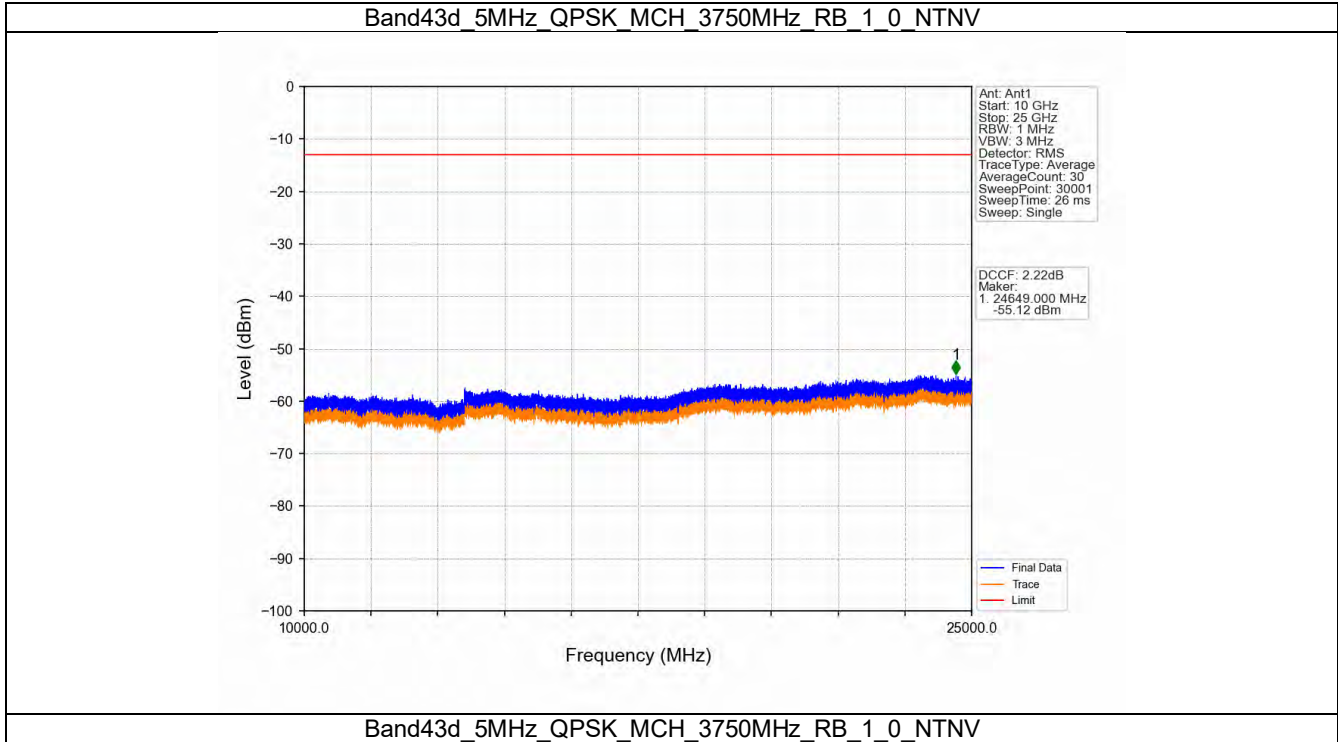


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Report No.: SZCR240100038408

Rev.: 01

Page: 181 of 387



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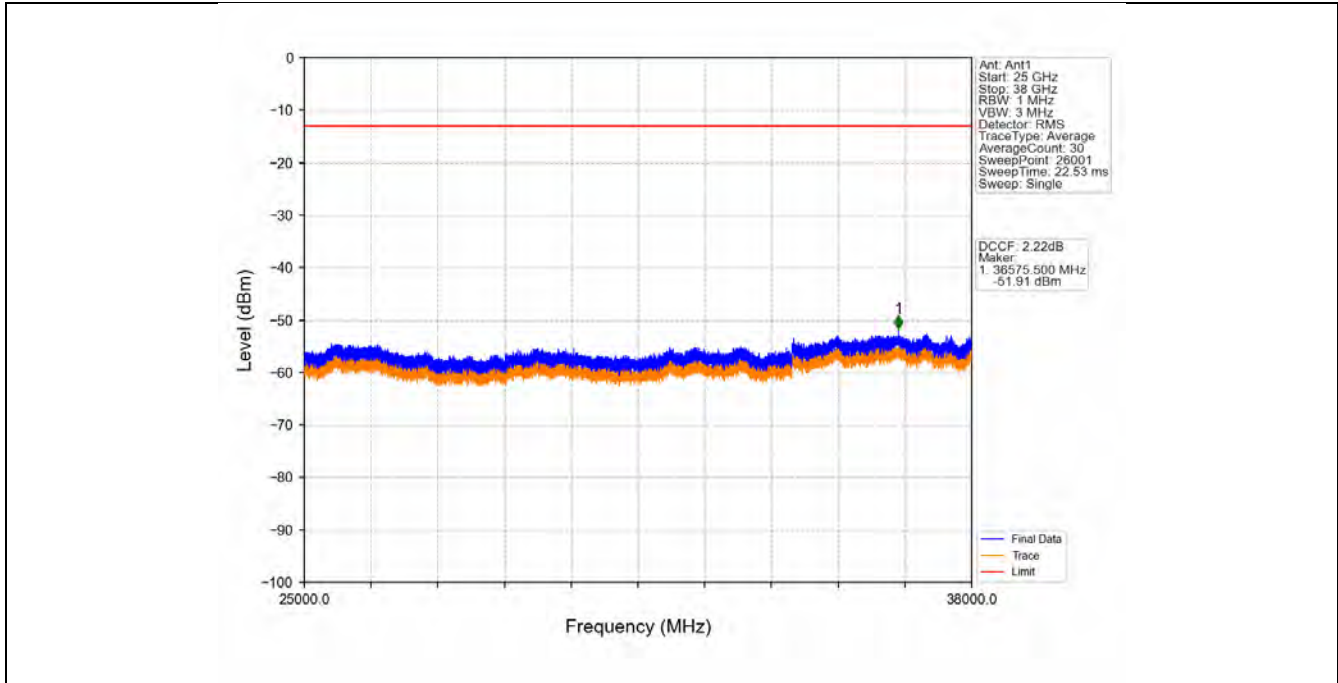


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Report No.: SZCR240100038408

Rev.: 01

Page: 182 of 387



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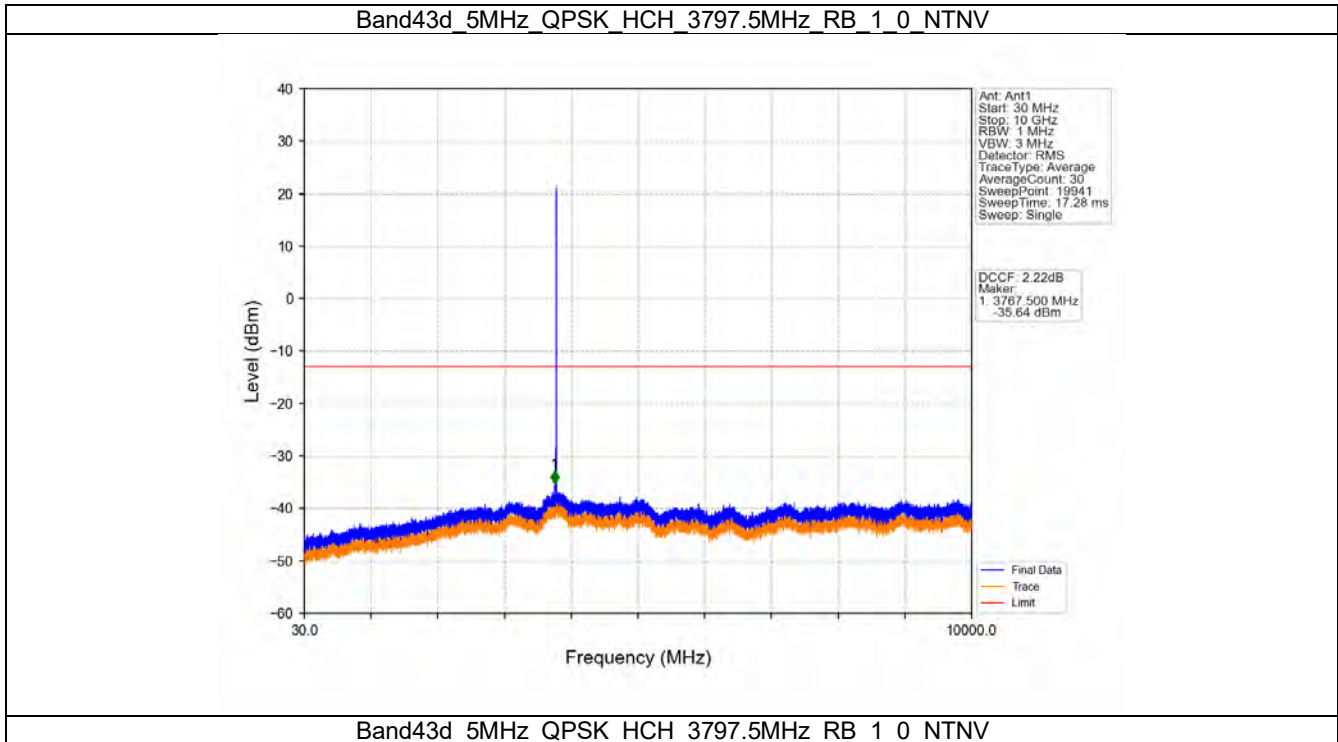


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Report No.: SZCR240100038408

Rev.: 01

Page: 183 of 387



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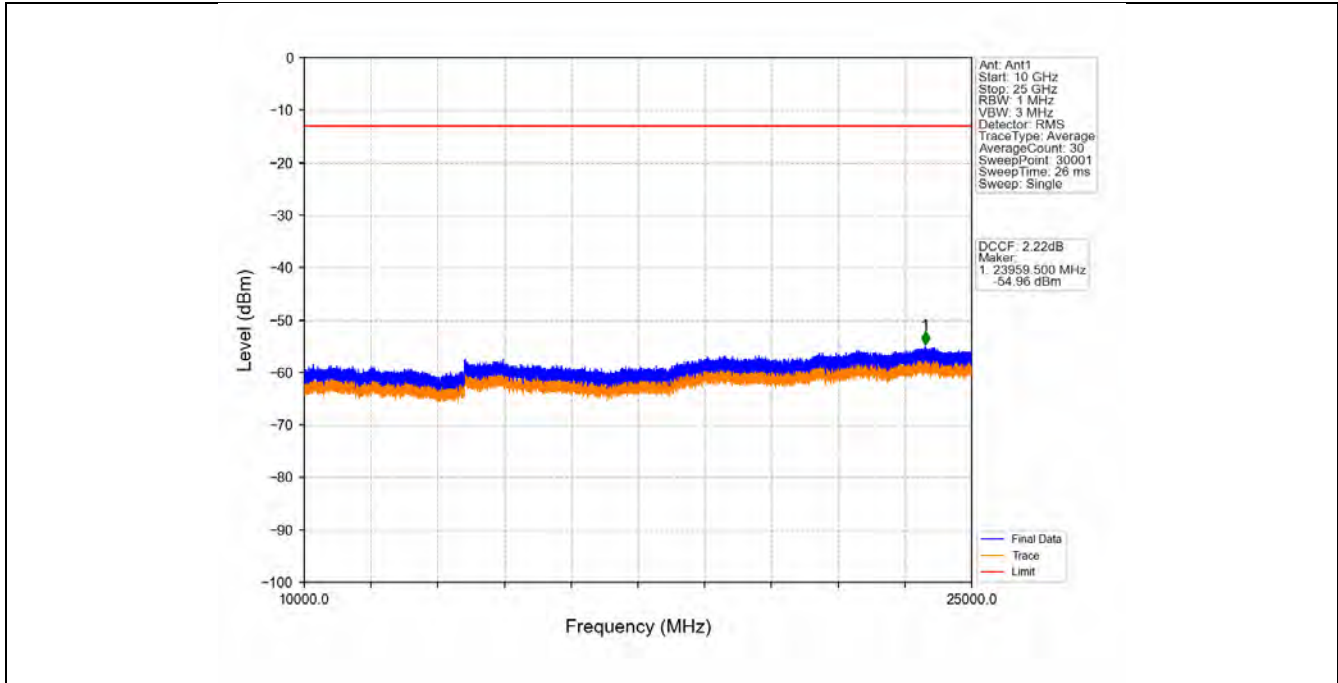


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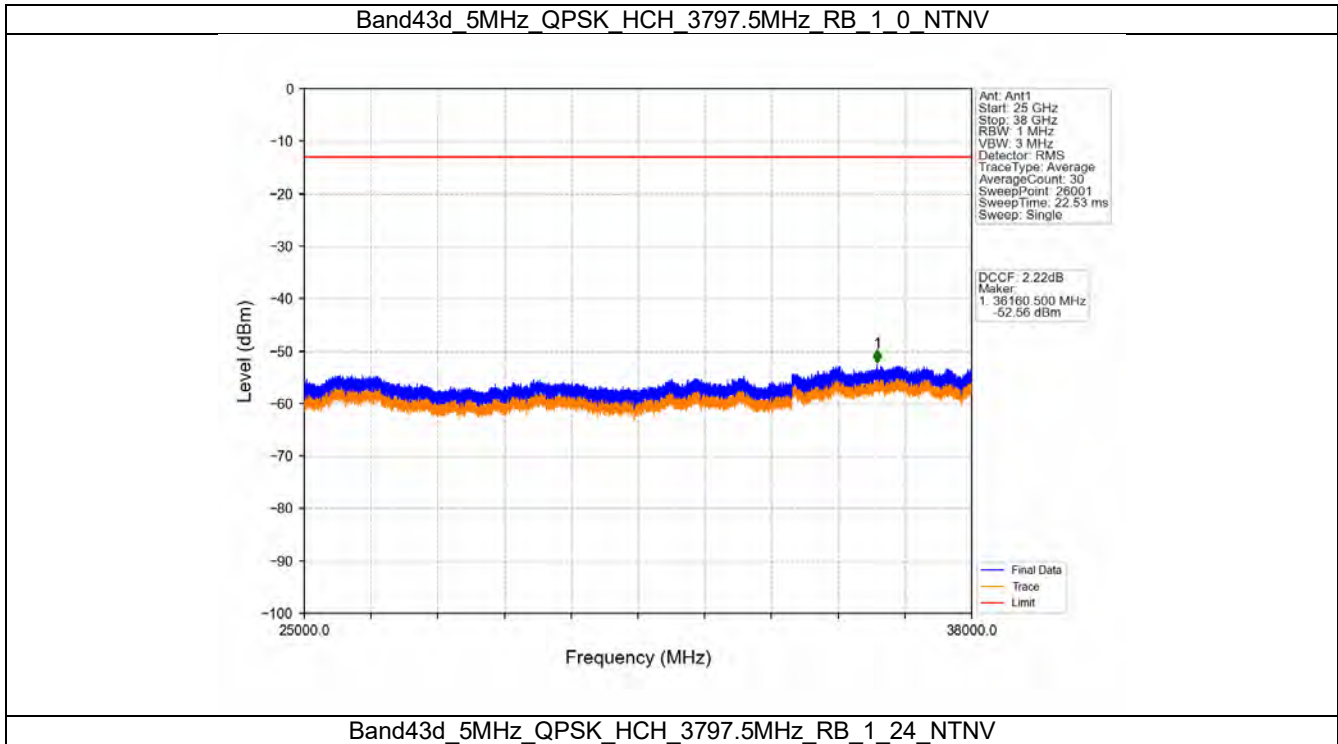


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Rev.: 01

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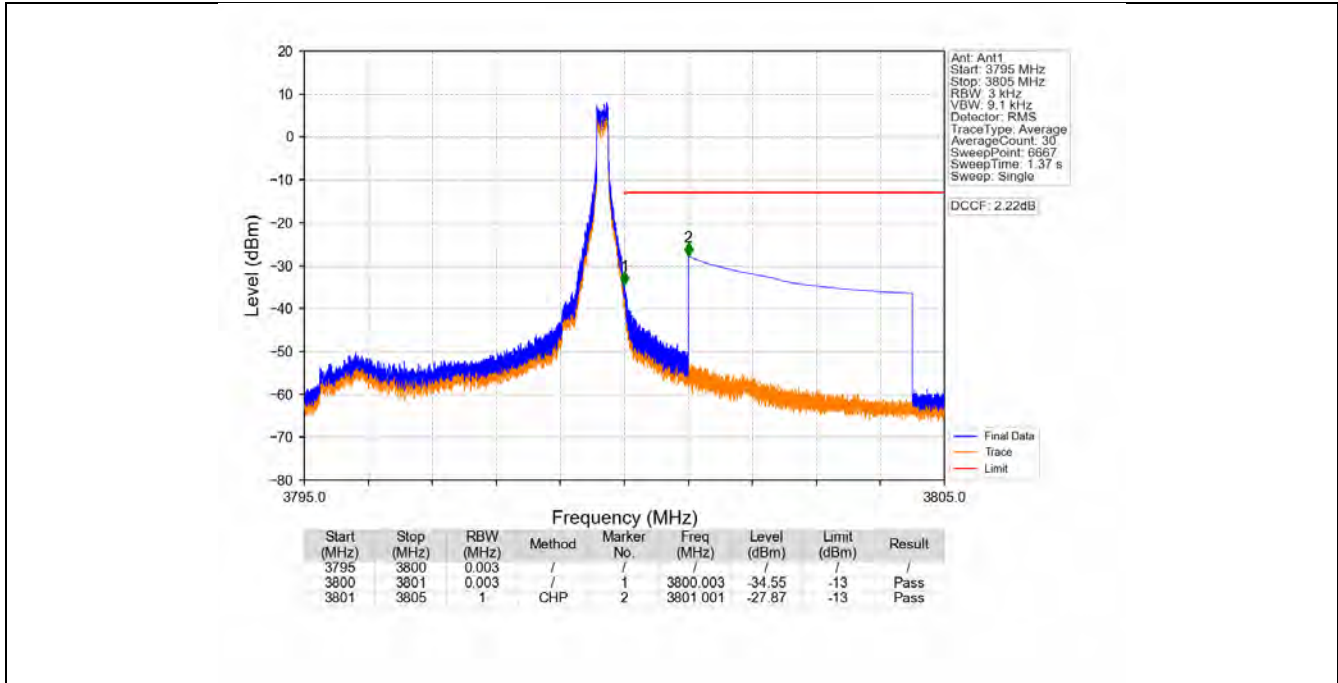


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Rev.: 01

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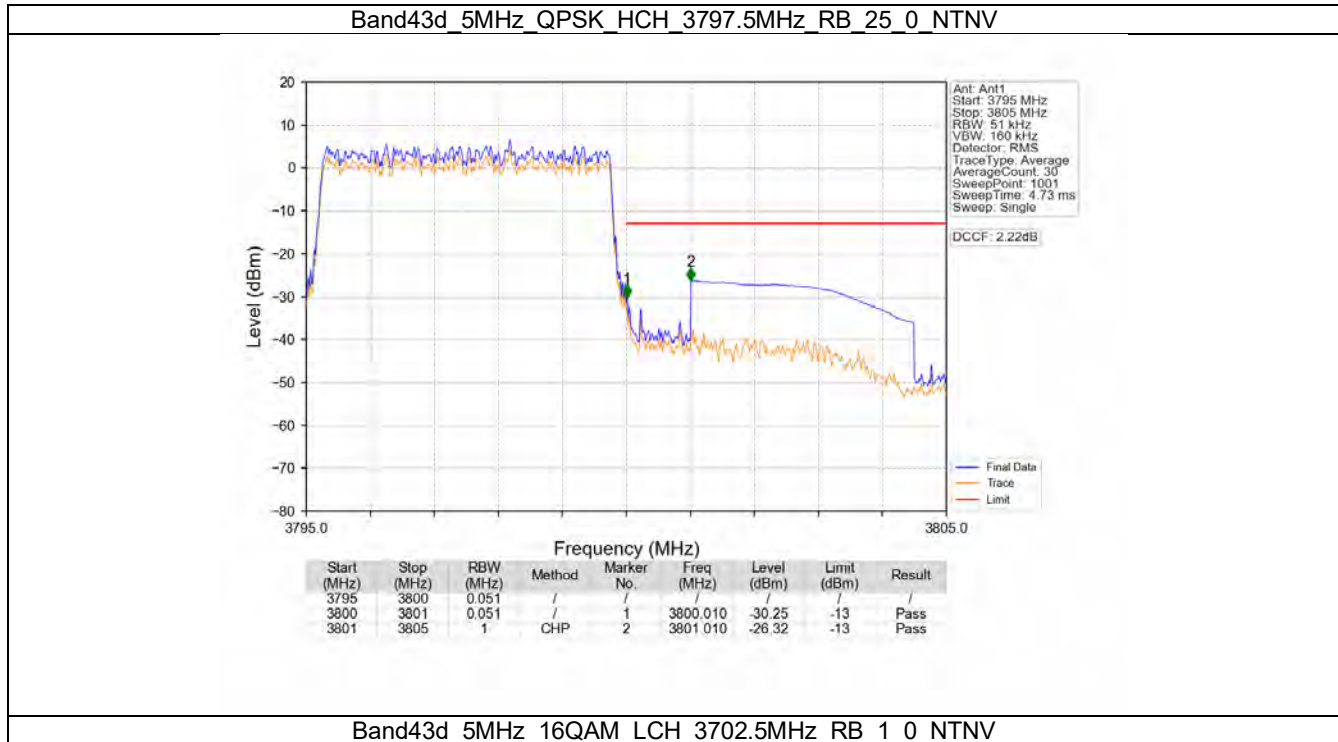


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Report No.: SZCR240100038408

Rev.: 01

Page: 187 of 387



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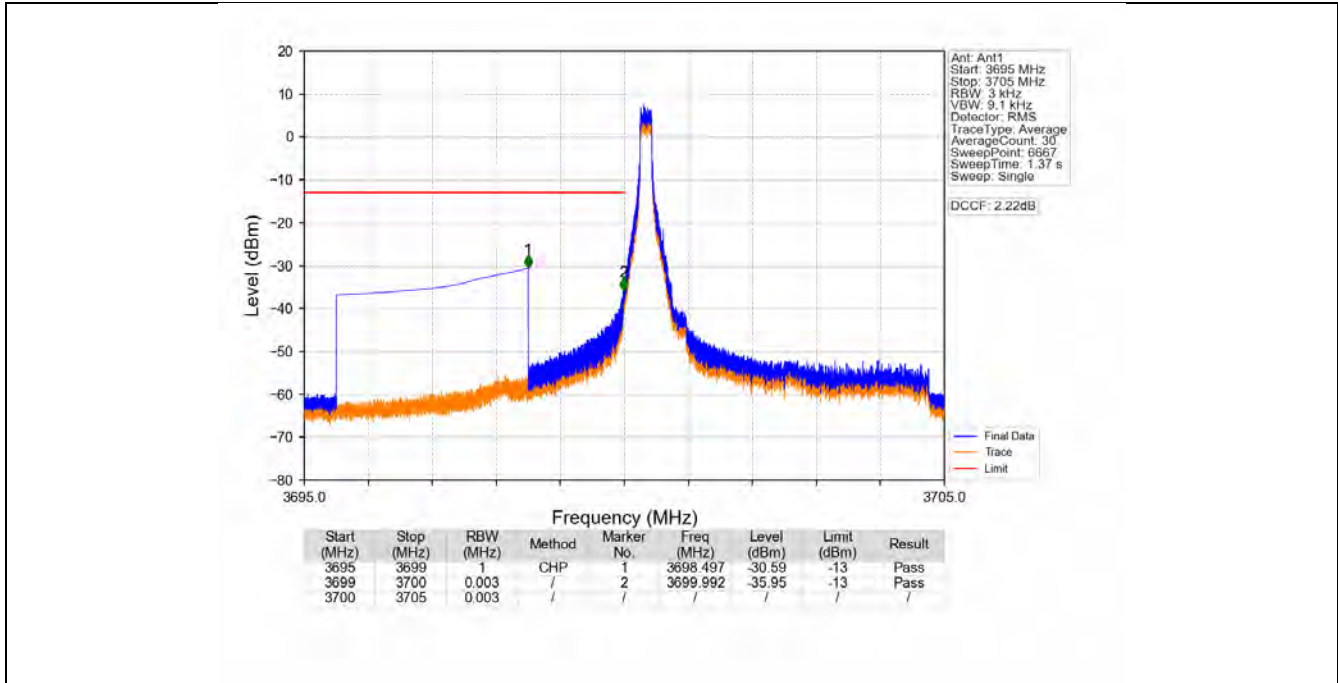


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Report No.: SZCR240100038408

Rev.: 01

Page: 188 of 387



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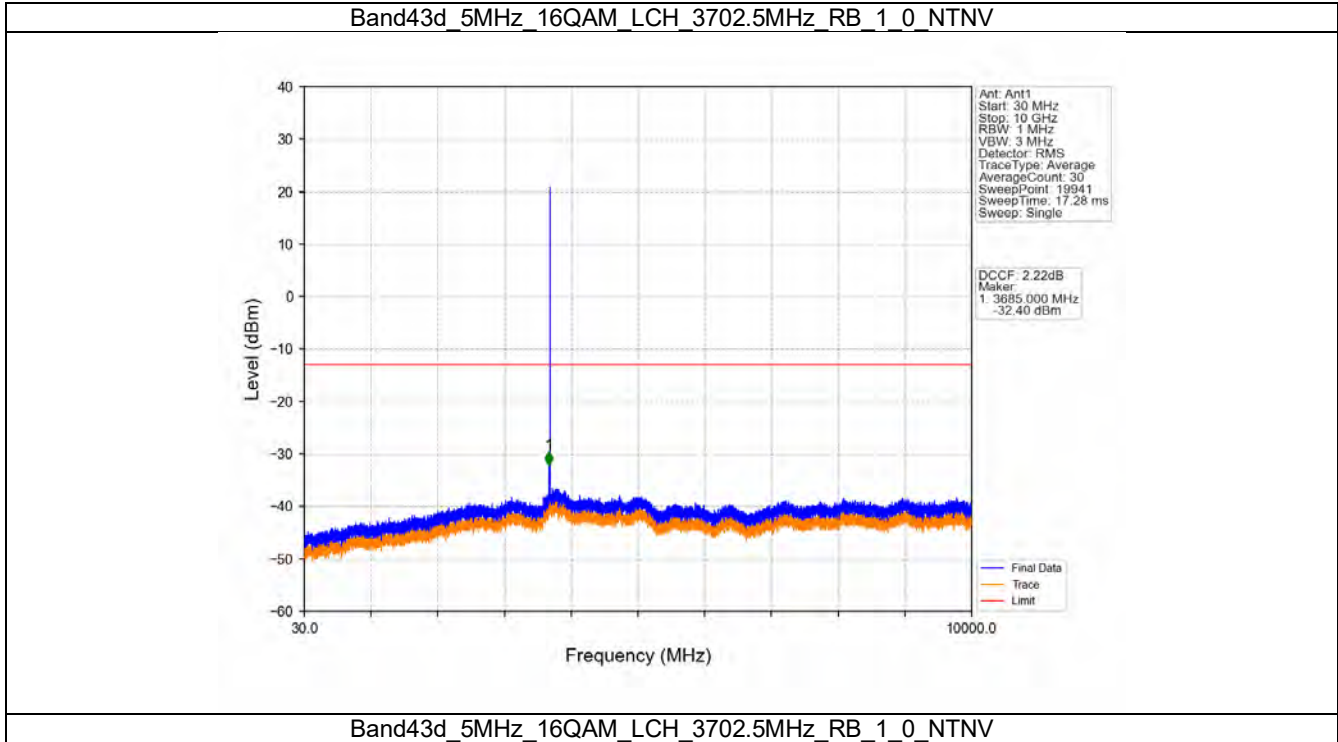


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Report No.: SZCR240100038408

Rev.: 01

Page: 189 of 387



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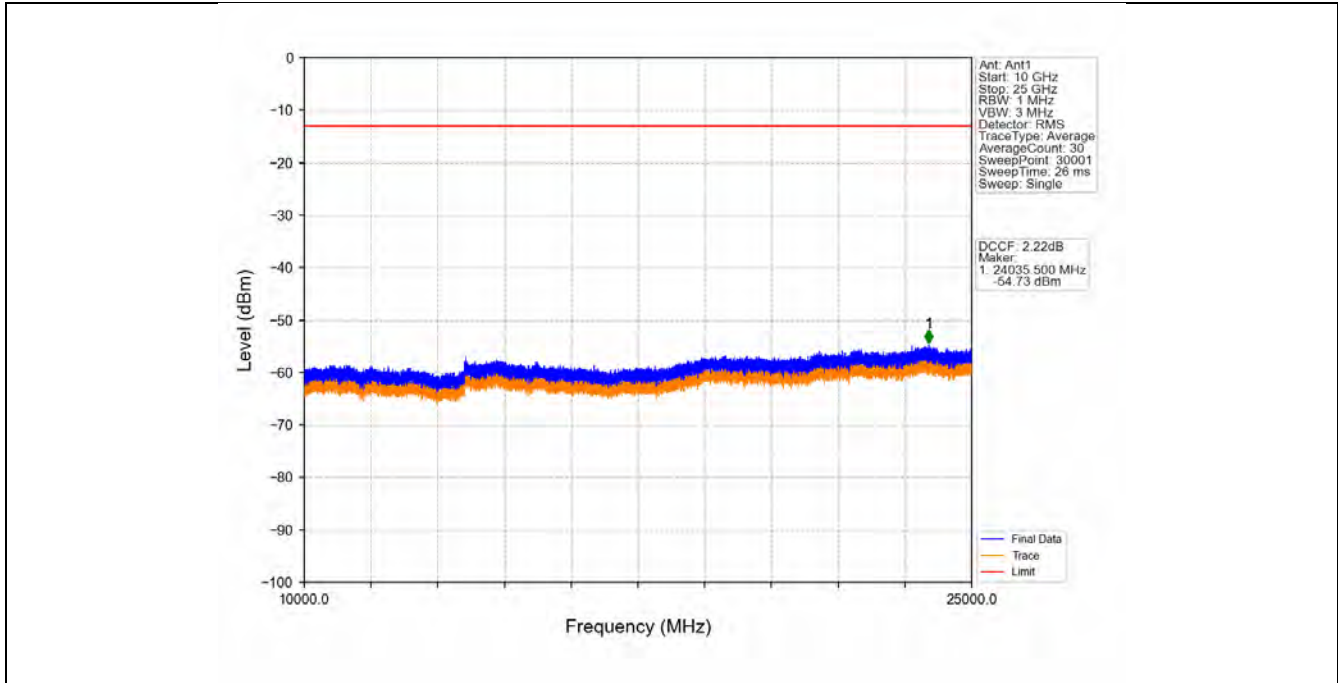


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 190 of 387



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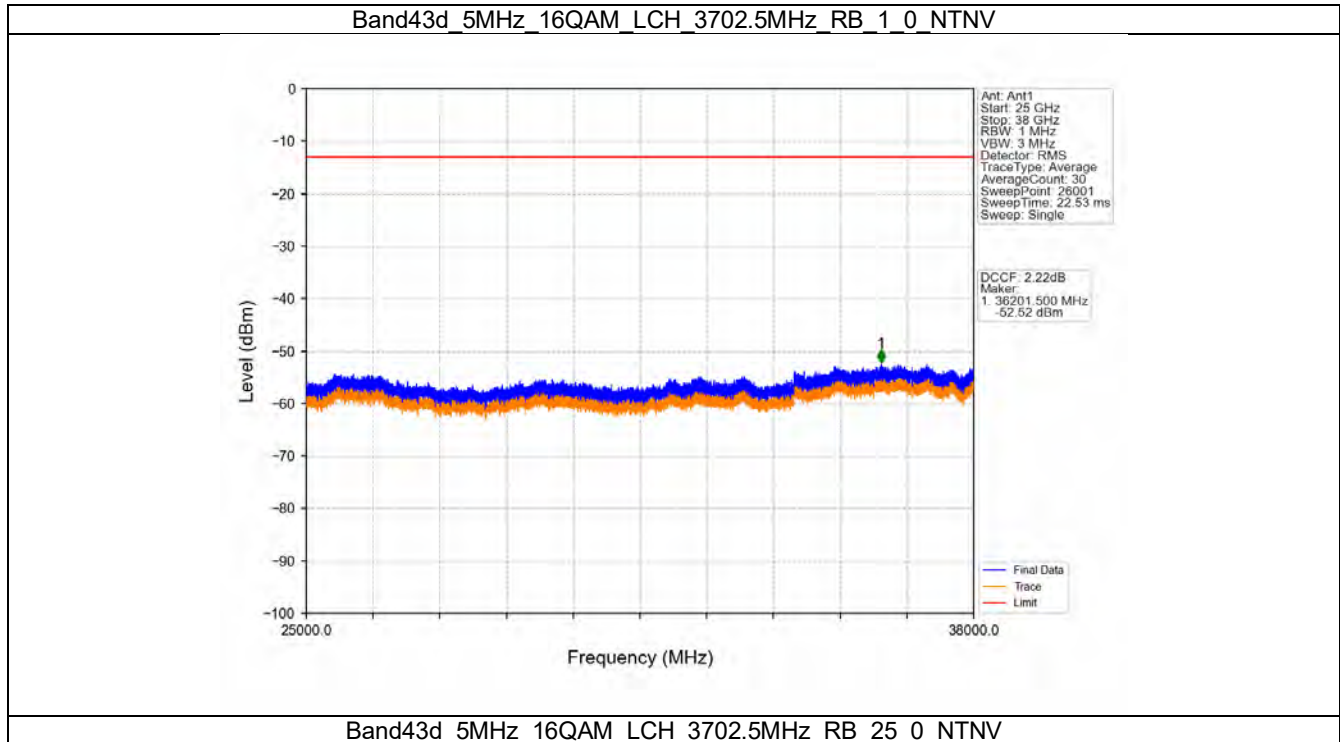


**SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 191 of 387



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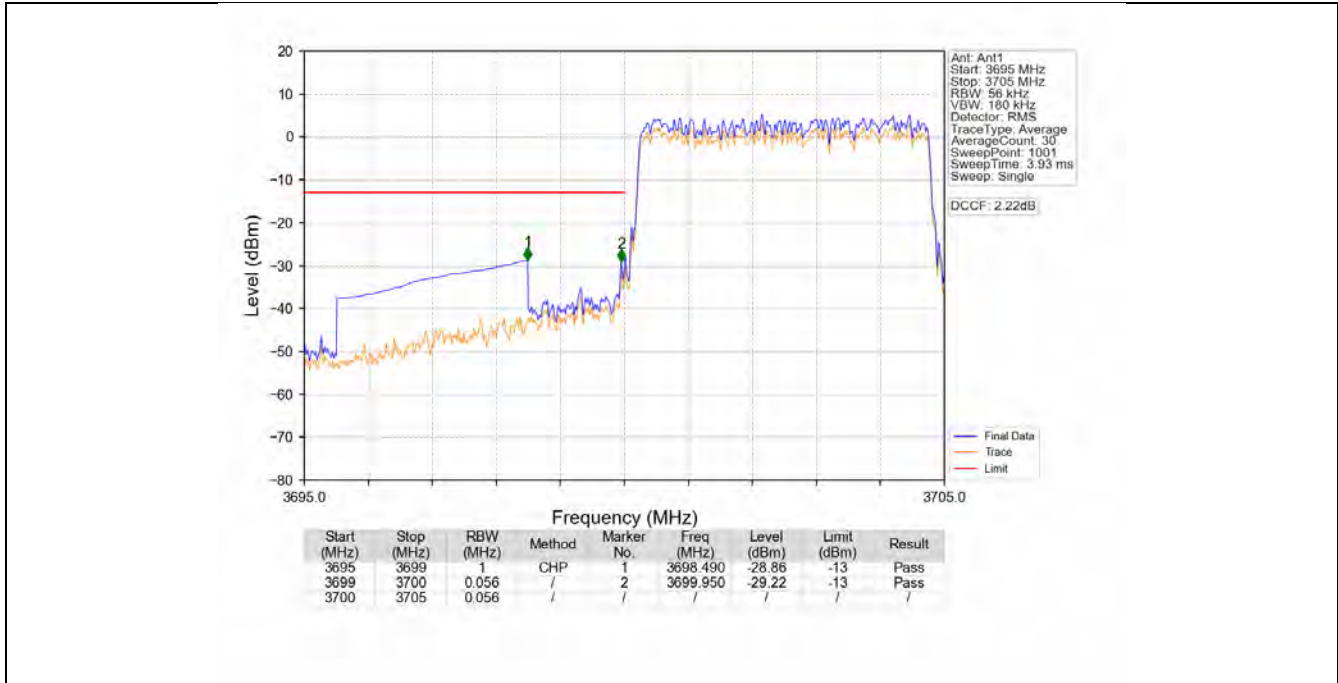


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Shenzhen Branch**

Report No.: SZCR240100038408

Rev.: 01

Page: 192 of 387



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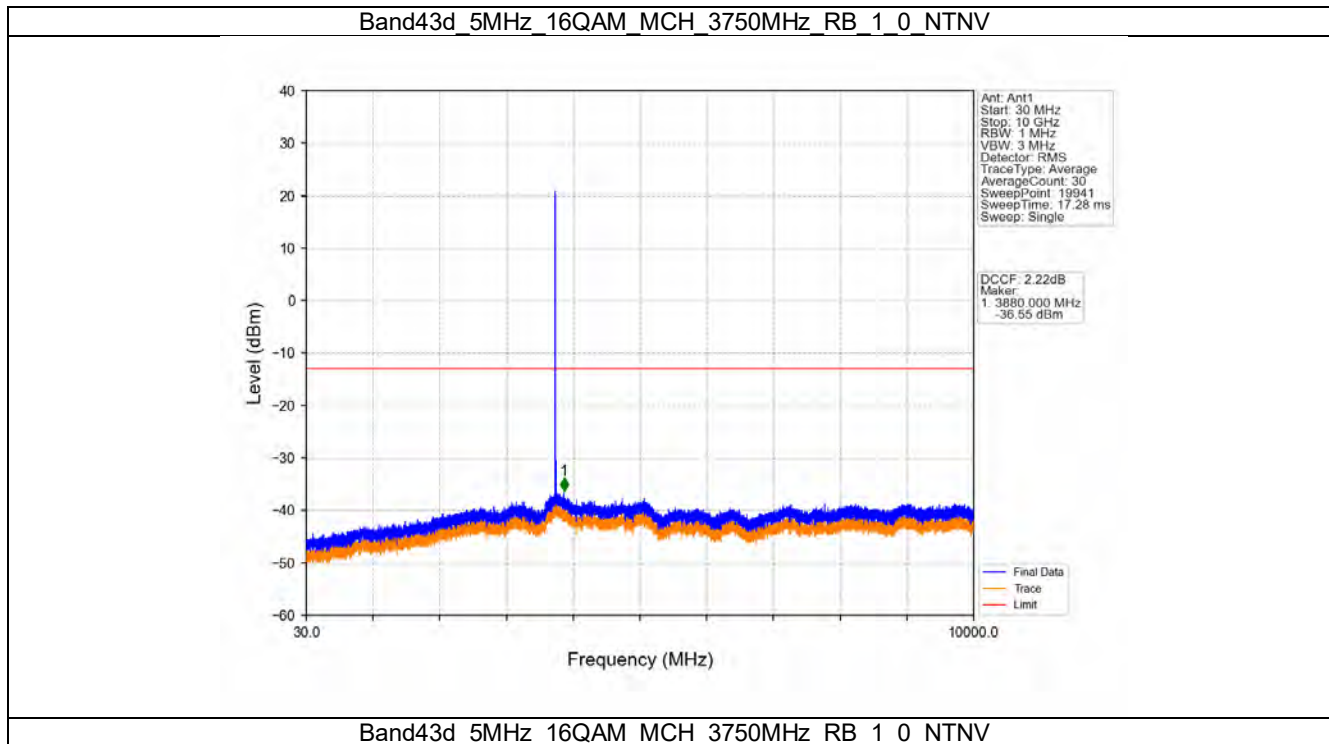
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Report No.: SZCR240100038408
Rev.: 01
Page: 193 of 387



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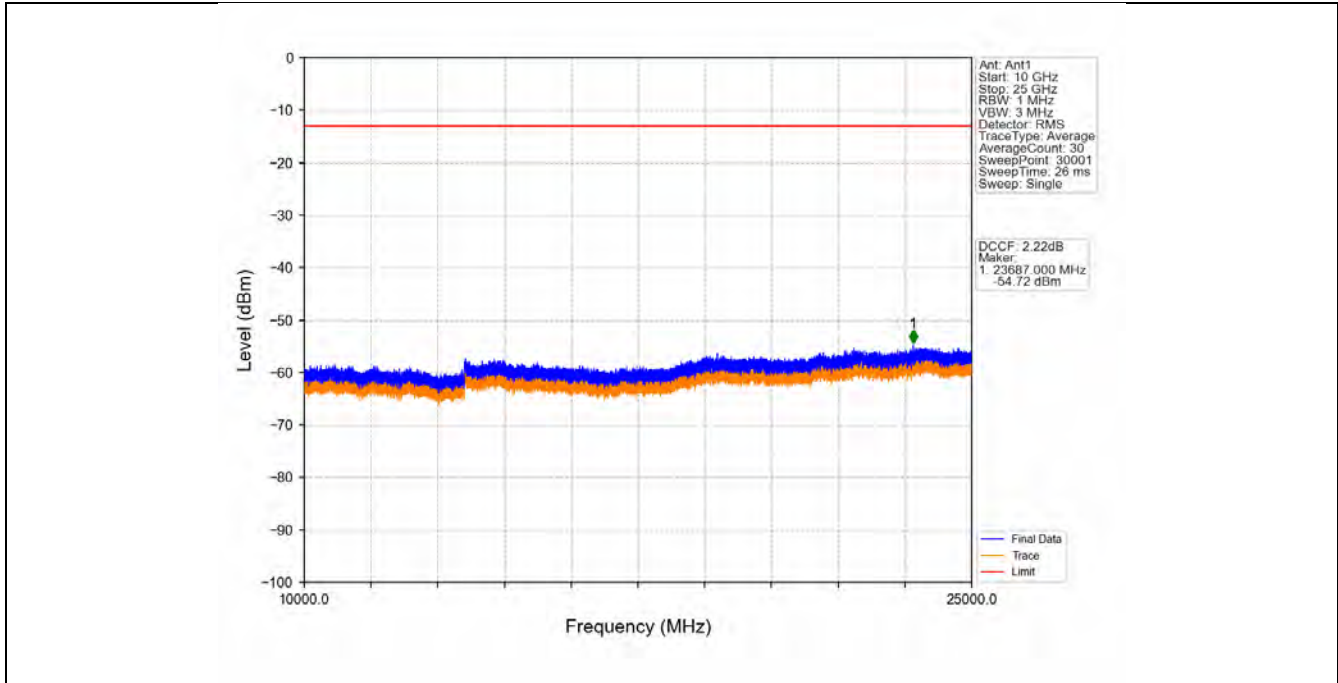


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Report No.: SZCR240100038408

Rev.: 01

Page: 194 of 387



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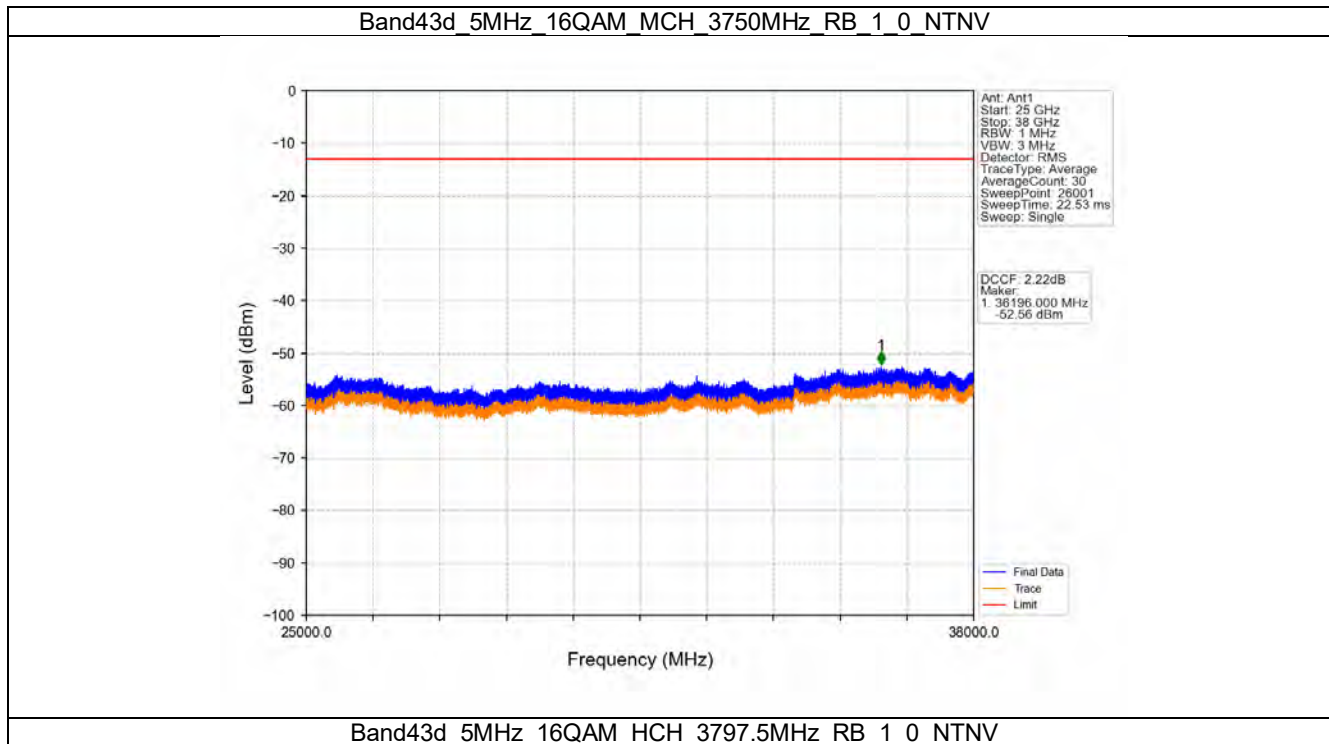
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Report No.: SZCR240100038408
Rev.: 01
Page: 195 of 387



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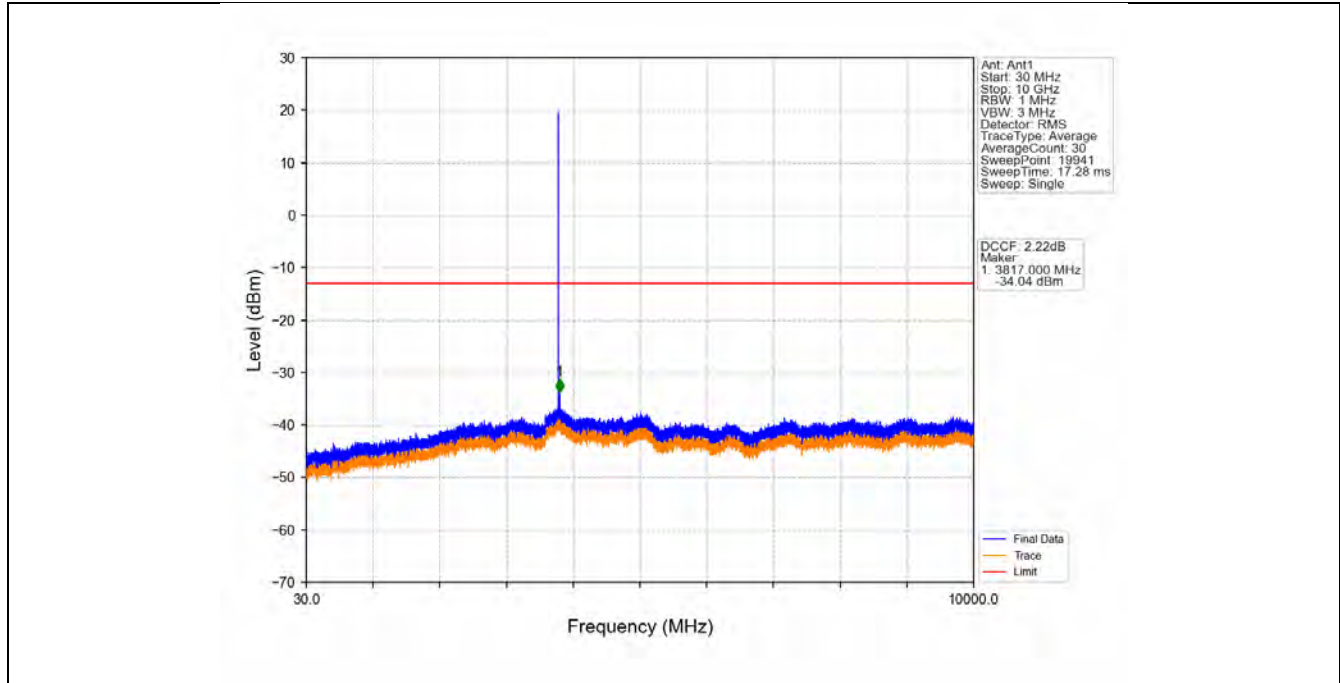


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Report No.: SZCR240100038408

Rev.: 01

Page: 196 of 387



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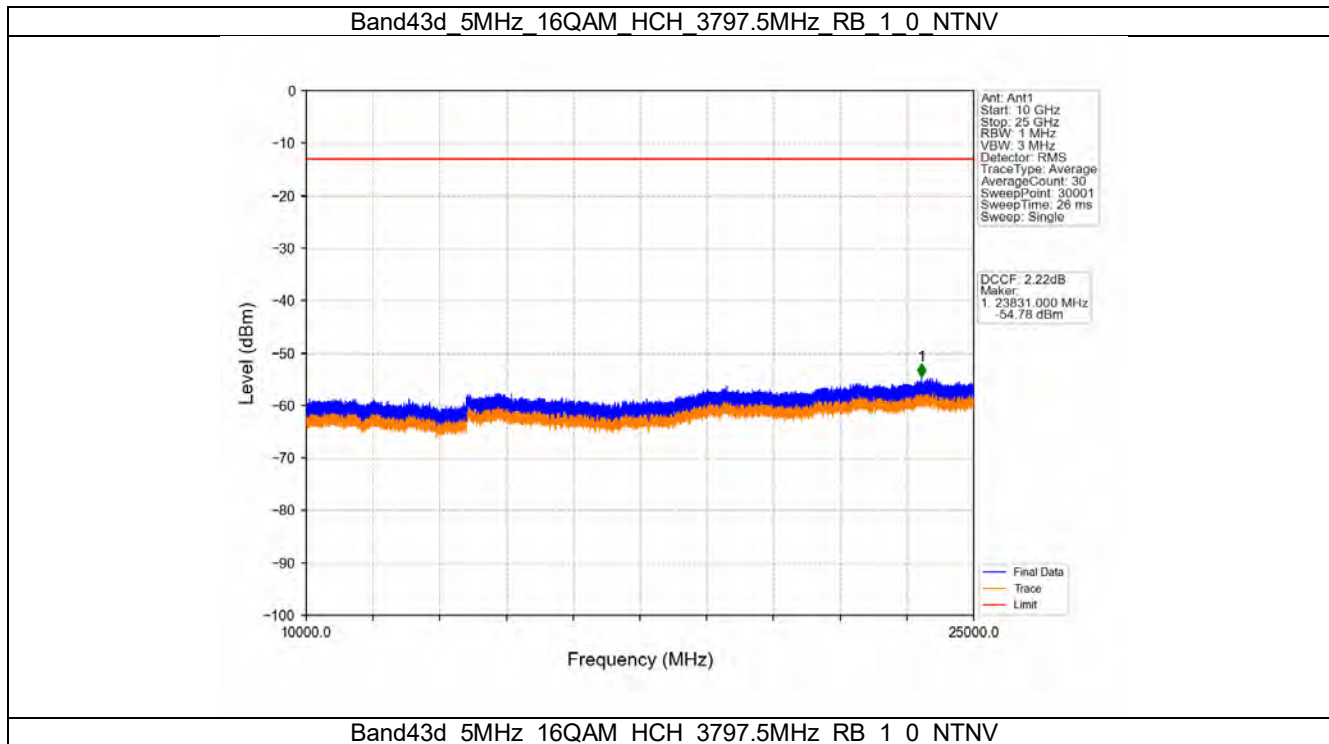
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Report No.: SZCR240100038408
Rev.: 01
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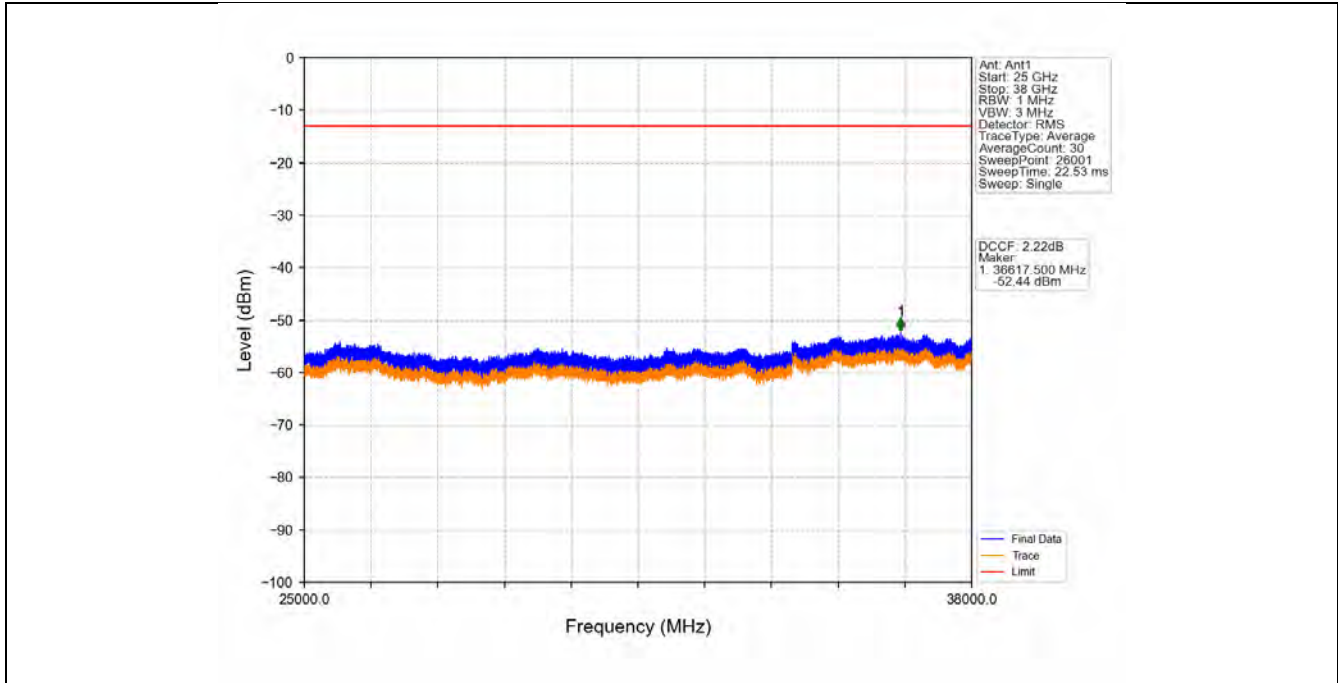


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Report No.: SZCR240100038408

Rev.: 01

Page: 198 of 387



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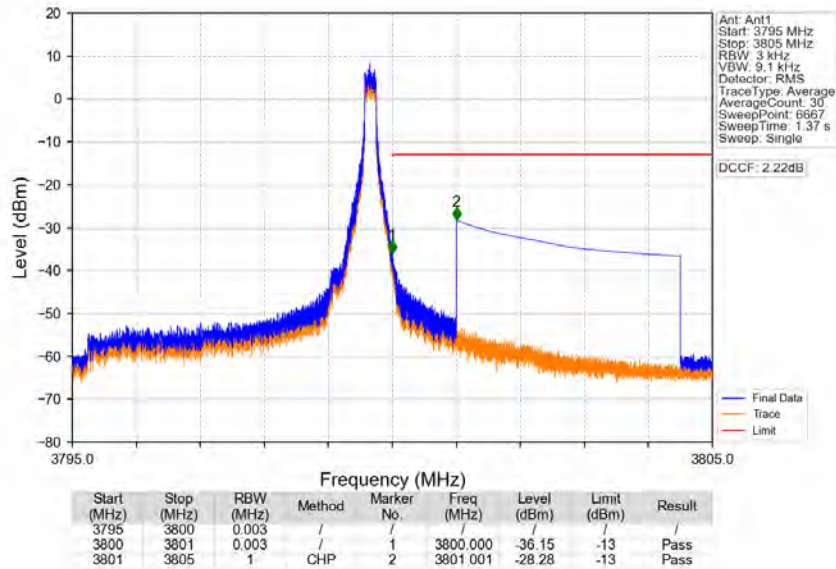
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Report No.: SZCR240100038408

Rev.: 01

Page: 199 of 387

Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_1_24_NTNV



Band43d_5MHz_16QAM_HCH_3797.5MHz_RB_25_0_NTNV



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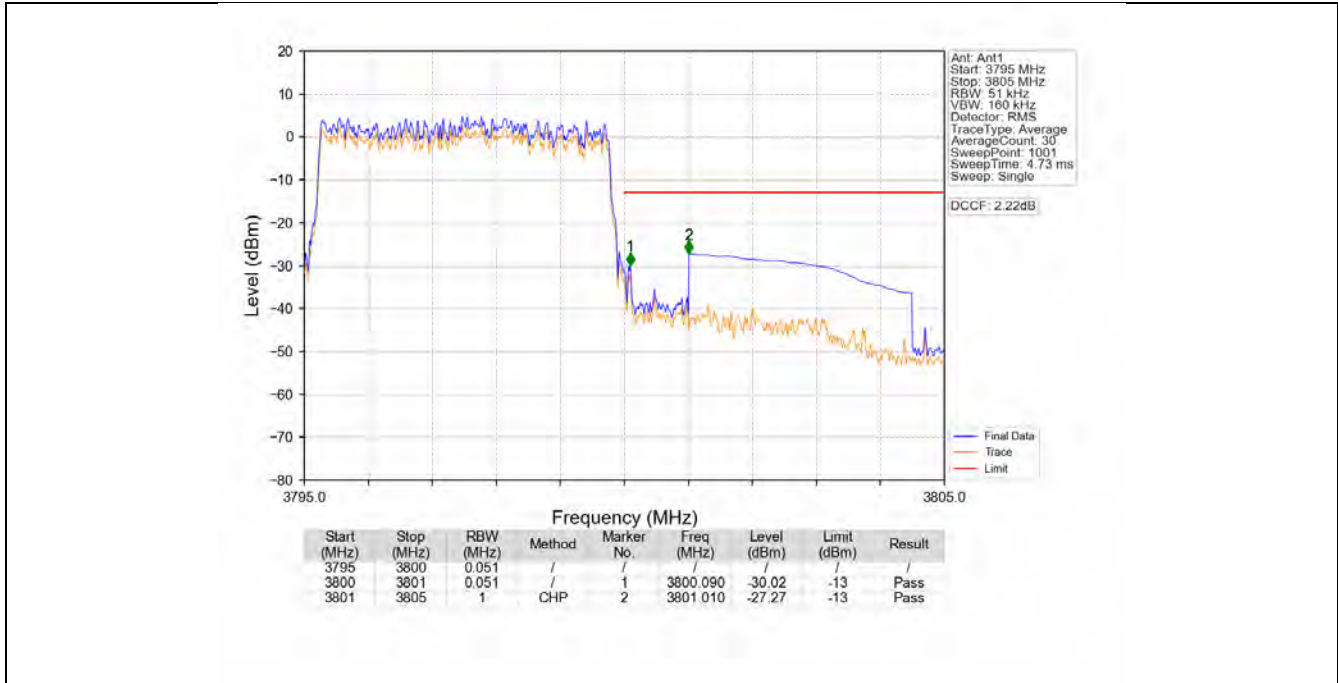


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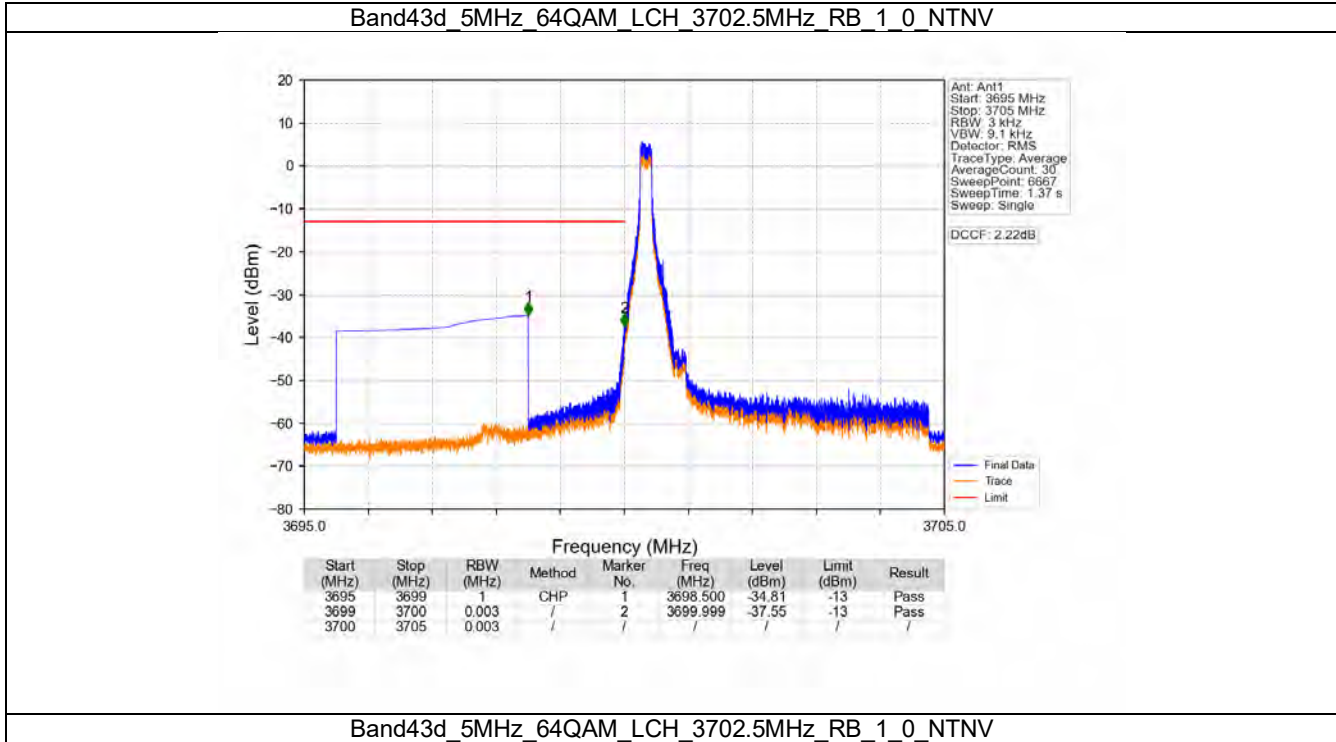


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Rev.: 01

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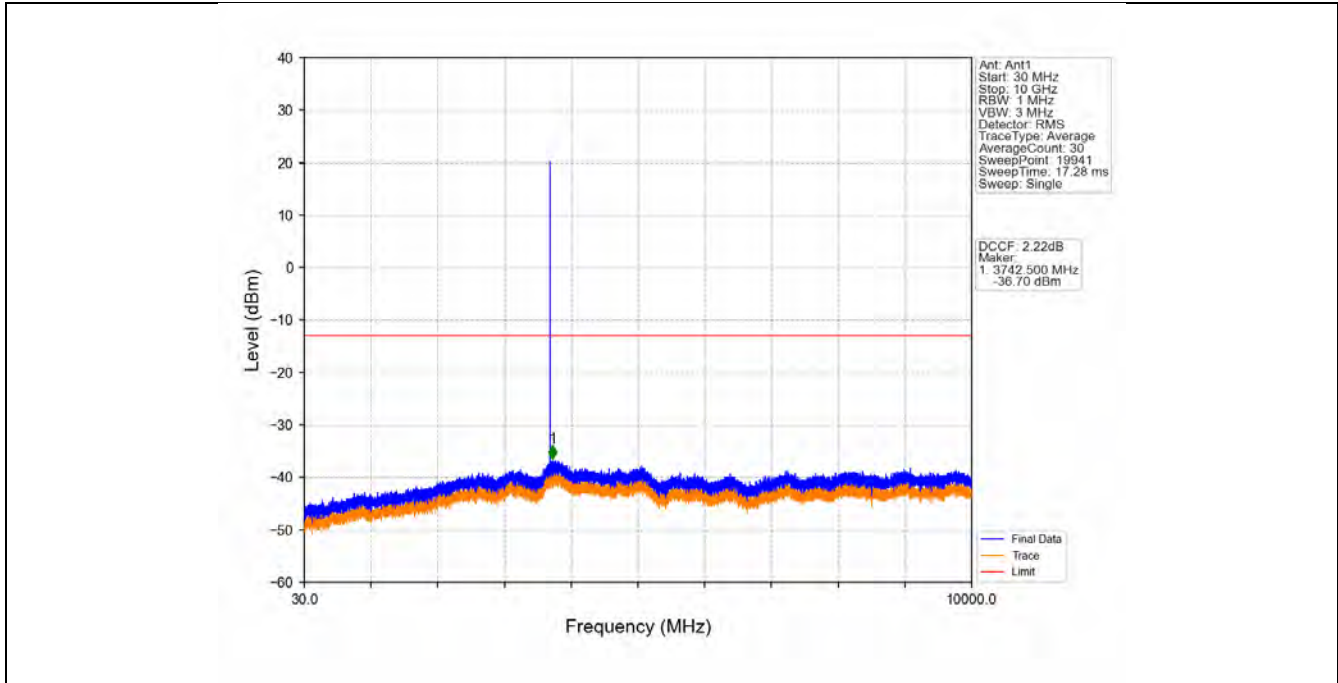


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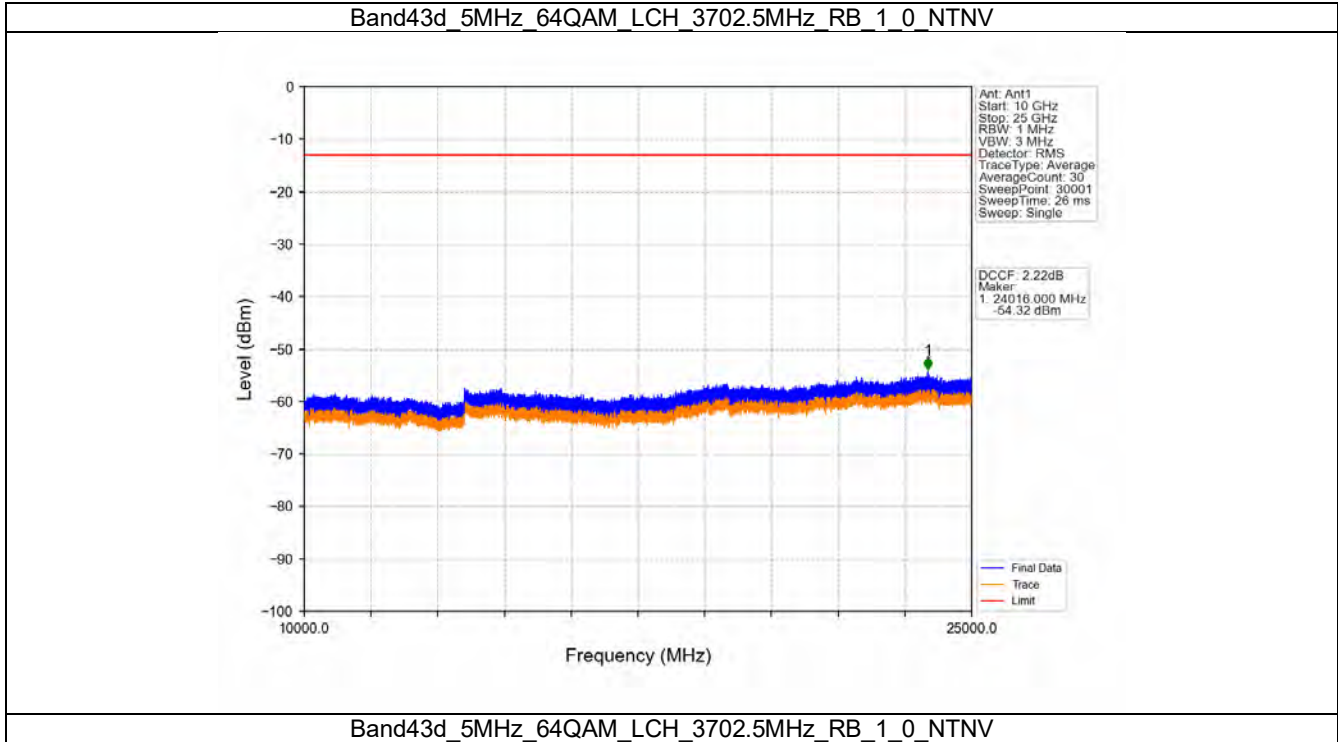


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Rev.: 01

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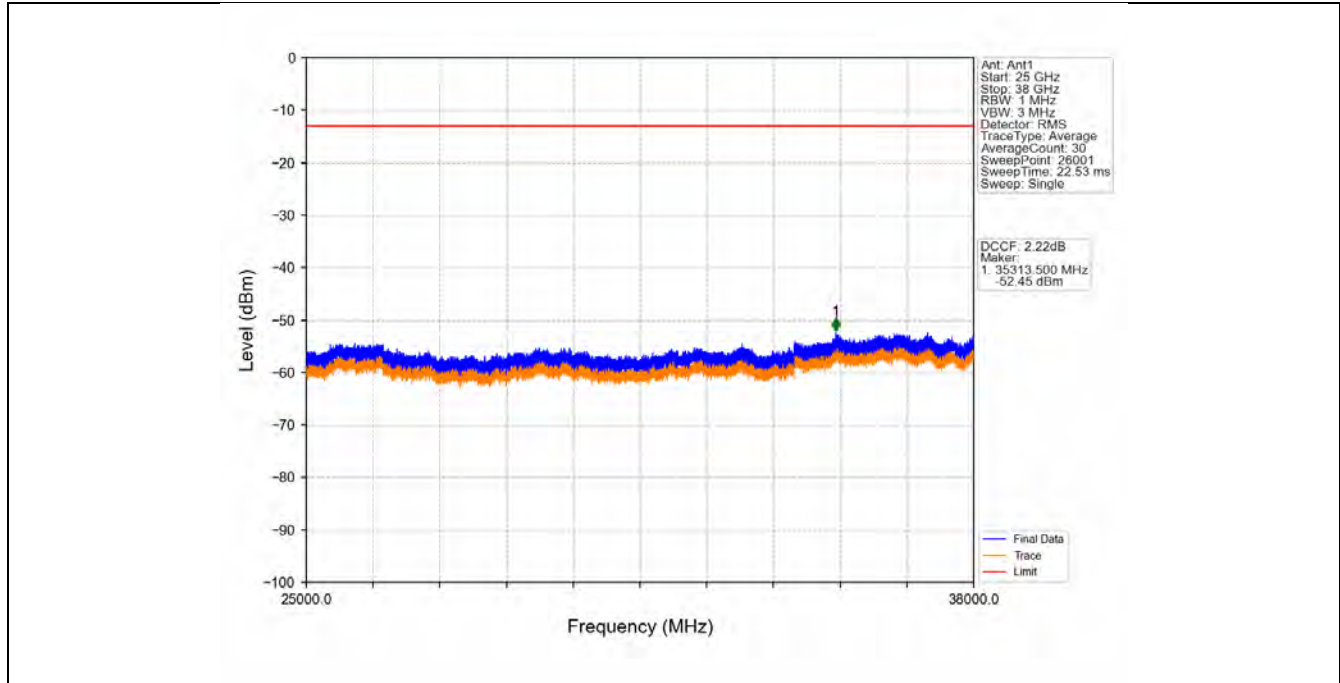


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Report No.: SZCR240100038408

Rev.: 01

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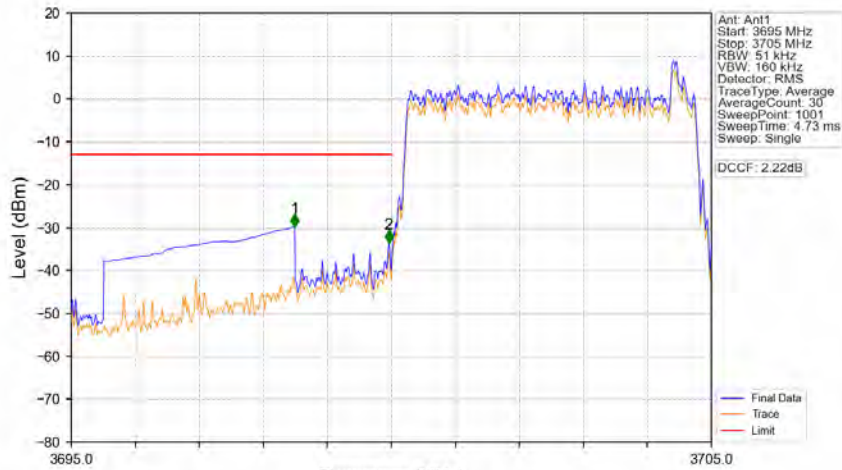
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Report No.: SZCR240100038408

Rev.: 01

Page: 205 of 387

Band43d_5MHz_64QAM_LCH_3702.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
3695	3699	1	CHP	1	3698.490	-29.86	-13	Pass
3699	3700	0.051	/	2	3699.960	-33.63	-13	Pass
3700	3705	0.051	/	/	/	/	/	/

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