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Appendix B.19

LTE Band 38



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1. Effective (Isotropic) Radiated Power Output Data

1.1 B38 5MHz EIRPAnt0

1.1.1 Test Result

				8 / Bandwidth: 5MHz /	NTNV			
Modulation	Frequency	RB All	ocation	Conducted Power	Gain	EIRP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	verdict
			0	23.01	2.14	25.15	<=33.00	Pass
		1	13	23.07	2.14	25.21	<=33.00	Pass
	2572.5 SK 2595 2617.5		24	22.97	2.14	25.11	<=33.00	Pass
	2572.5		0	22.08	2.14	24.22	<=33.00	Pass
		12	6	22.23	2.14	24.37	<=33.00	Pass
			13	22.07	2.14	24.21	<=33.00	Pass
		25	0	22.14	2.14	24.28	<=33.00	Pass
			0	23.50	2.14	25.64	<=33.00	Pass
		1	13	23.66	2.14	25.80	<=33.00	Pass
			24	23.31	2.14	25.45	<=33.00	Pass
QPSK	2595		0	22.62	2.14	24.76	<=33.00	Pass
		12	6	22.74	2.14	24.88	<=33.00	Pass
			13	22.65	2.14	24.79	<=33.00	Pass
		25	0	22.61	2.14	24.75	<=33.00	Pass
			0	23.72	2.14	25.86	<=33.00	Pass
		1	13	23.90	2.14	26.04	<=33.00	Pass
			24	23.31 2.14 25.45 22.62 2.14 24.76 22.74 2.14 24.88 22.65 2.14 24.79 22.61 2.14 24.75 23.72 2.14 25.86 23.90 2.14 26.04 23.72 2.14 25.86 22.82 2.14 24.96 22.82 2.14 24.96 22.77 2.14 24.91 22.84 2.14 24.98 22.10 2.14 24.24 22.38 2.14 24.40 22.38 2.14 24.52	<=33.00	Pass		
	2617.5		0				<=33.00	Pass
		12	6	22.82	2.14	24.96	<=33.00	Pass
			13	22.77		24.91	<=33.00	Pass
		25	0	22.84	2.14	24.98	<=33.00	Pass
			0	22.10	2.14	24.24	<=33.00	Pass
		1	13	22.26	2.14	24.40	<=33.00	Pass
			24	22.38	2.14	24.52	<=33.00	Pass
	2572.5		0	21.29	2.14	23.43	<=33.00	Pass
		12	6	21.52	2.14	23.66	<=33.00	Pass
			13	21.43	2.14	23.57	<=33.00	Pass
		25	0	21.52	2.14	23.66	<=33.00	Pass
			0	22.60	2.14	24.74	<=33.00	Pass
400 444		1	13	22.75	2.14	24.89	<=33.00	Pass
16QAM			24	22.58	2.14	24.72	<=33.00	Pass
	2595		0	21.70	2.14	23.84	<=33.00	Pass
		12	6	21.79	2.14	23.93	<=33.00	Pass
			13	21.66	2.14	23.80	<=33.00	Pass
		25	0	21.71	2.14	23.85	<=33.00	Pass
			0	22.75	2.14	24.89	<=33.00	Pass
	0047.5	1	13	22.80	2.14	24.94	<=33.00	Pass
	2617.5		24	22.69	2.14	24.83	<=33.00	Pass
	ľ	12	0	21.87	2.14	24.01	<=33.00	Pass



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		6	21.98	2.14	24.12	<=33.00	Pass
		13	21.86	2.14	24.00	<=33.00	Pass
	25	0	21.83	2.14	23.97	<=33.00	Pass
Note1: EIRP=Conducted	Power+Anter	nna Gain		•	•		

1.2 B38_10MHz_EIRP

1.2.1 Test Result

			Band: 38	8 / Bandwidth: 10MHz /	NTNV			
Modulation	Frequency	RB All	ocation	Conducted Power	Gain	EIRP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	verdict
			0	23.58	2.14	25.72	<=33.00	Pass
		1	25	23.74	2.14	25.88	<=33.00	Pass
			49	23.52	2.14	25.66	<=33.00	Pass
	2575		0	22.65	2.14	24.79	<=33.00	Pass
		25	13	22.63	2.14	24.77	<=33.00	Pass
			25	22.59	2.14	24.73	<=33.00	Pass
		50	0	22.53	2.14	24.67	<=33.00	Pass
			0	23.70	2.14	25.84	<=33.00	Pass
		1	25	23.82	2.14	25.96	<=33.00	Pass
			49	23.64	2.14	25.78	<=33.00	Pass
QPSK	2595		0	22.72	2.14	24.86	<=33.00	Pass
		25	13	22.72	2.14	24.86	<=33.00	Pass
			25	22.62	2.14	24.76	<=33.00	Pass
		50	0	22.67	2.14	24.81	<=33.00	Pass
			0	23.79	2.14	25.93	<=33.00	Pass
		1	25	23.96	2.14	26.10	<=33.00	Pass
			49	23.83	2.14	25.97	<=33.00	Pass
	2615		0	22.91	2.14	25.05	<=33.00	Pass
		25	13	22.81	2.14	24.95	<=33.00	Pass
	<u>-</u>		25	22.75	2.14	24.89	<=33.00	Pass
		50	0	22.81	2.14	24.95	<=33.00	Pass
			0	22.73	2.14	24.87	<=33.00	Pass
		1	25	22.73	2.14	24.87	<=33.00	Pass
			49	22.65	2.14	24.79	<=33.00	Pass
	2575		0	21.66	2.14	23.80	<=33.00	Pass
		25	13	21.71	2.14	23.85	<=33.00	Pass
			25	21.68	2.14	23.82	<=33.00	Pass
16QAM		50	0	21.67	2.14	23.81	<=33.00	Pass
IOQAW			0	22.43	2.14	24.57	<=33.00	Pass
		1	25	22.75	2.14	24.89	<=33.00	Pass
			49	22.47	2.14	24.61	<=33.00	Pass
	2595		0	21.82	2.14	23.96	<=33.00	Pass
		25	13	21.76	2.14	23.90	<=33.00	Pass
			25	21.68	2.14	23.82	<=33.00	Pass
		50	0	21.74	2.14	23.88	<=33.00	Pass



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			0	22.42	2.14	24.56	<=33.00	Pass
		1	25	22.86	2.14	25.00	<=33.00	Pass
			49	22.66	2.14	24.80	<=33.00	Pass
	2615		0	21.87	2.14	24.01	<=33.00	Pass
		25	13	21.83	2.14	23.97	<=33.00	Pass
			25	21.79	2.14	23.93	<=33.00	Pass
		50	0	21.91	2.14	24.05	<=33.00	Pass
Note1: EIF	RP=Conducted	Power+Anter	nna Gain					

1.3 B38_15MHz_EIRP

1.3.1 Test Result

			Band: 38	3 / Bandwidth: 15MHz /	NTNV			
Modulation	Frequency	RB All	ocation	Conducted Power	Gain	EIRP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dBi)	2.14 25.74 <=33.00	verdict	
			0	23.60	2.14	25.74	<=33.00	Pass
		1	38	23.64	2.14	25.78	<=33.00	Pass
			74	23.51	2.14	25.65	<=33.00	Pass
	2577.5		0	22.66	2.14	24.80	<=33.00	Pass
		36	18	22.64	2.14	24.78	<=33.00	Pass
			39	22.60	2.14	24.74	<=33.00	Pass
		75	0	22.69	2.14	24.83	<=33.00	Pass
			0	23.60	2.14	25.74	<=33.00	Pass
		1	38	23.69	2.14	25.83	<=33.00	Pass
			74	23.58	2.14	25.72	<=33.00	Pass
QPSK	2595		0	22.77	2.14	24.91	<=33.00	Pass
		36	18	22.71	2.14	24.85	<=33.00	Pass
			39	22.64	2.14	24.78	<=33.00	Pass
		75	0	22.71	2.14	24.85	<=33.00	Pass
			0	23.73	2.14	25.87	<=33.00	Pass
		1	38	23.85	2.14	25.99	<=33.00	Pass
			74	23.65	2.14	25.79	<=33.00	Pass
	2612.5		0	22.83	2.14	24.97	<=33.00	Pass
		36	18	22.84	2.14	24.98	<=33.00	Pass
			39	22.78	2.14	24.92	<=33.00	Pass
		75	0	22.85	2.14	24.99	<=33.00	Pass
			0	22.61	2.14	24.75	<=33.00	Pass
		1	38	22.68	2.14	24.82	<=33.00	Pass
			74	22.52	2.14	24.66	<=33.00	Pass
	2577.5		0	21.67	2.14	23.81	<=33.00	Pass
16QAM		36	18	21.70	2.14	23.84	<=33.00	Pass
IOQAW			39	21.62	2.14	23.76	<=33.00	Pass
		75	0	21.67	2.14	23.81	<=33.00	Pass
Ī			0	22.51	2.14	24.65	<=33.00	Pass
	2595	1	38	22.47	2.14	24.61	<=33.00	Pass
			74	22.41	2.14	24.55	<=33.00	Pass



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			ı ago.	U	0. 107		
		0	21.74	2.14	23.88	<=33.00	Pass
	36	18	21.67	2.14	23.81	<=33.00	Pass
		39	21.62	2.14	23.76	<=33.00	Pass
	75	0	21.72	2.14	23.86	<=33.00	Pass
		0	22.78	2.14	24.92	<=33.00	Pass
	1	38	22.91	2.14	25.05	<=33.00	Pass
		74	22.62	2.14	24.76	<=33.00	Pass
2612.5		0	21.90	2.14	24.04	<=33.00	Pass
	36	18	21.75	2.14	23.89	<=33.00	Pass
		39	21.77	2.14	23.91	<=33.00	Pass
	75	0	21.77	2.14	23.91	<=33.00	Pass
Note1: EIRP=Conducted	Power+Anter	nna Gain					

1.4 B38_20MHz_EIRP

1.4.1 Test Result

			Band: 38	3 / Bandwidth: 20MHz /	NTNV			
Modulation	Frequency	RB All	ocation	Conducted Power	Gain	EIRP	(dBm)	Verdict
Modulation	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit	verdict
			0	23.52	(dBm) (dBi) Result Limit	Pass		
		1	50	23.85	2.14	25.99	<=33.00	Pass
			99	23.49	2.14	25.63	<=33.00	Pass
	2580		0	22.64	2.14	24.78	<=33.00	Pass
		50	25	22.60	2.14	24.74	<=33.00	Pass
			50	22.53	2.14	24.67	<=33.00	Pass
		100	0	22.58	2.14	24.72	<=33.00	Pass
			0	23.53	2.14	25.67	<=33.00	Pass
		1	50	23.72	2.14	25.86	<=33.00	Pass
			99	23.58	2.14	25.72	<=33.00	Pass
QPSK	2595		0	22.69	2.14	24.83	<=33.00	Pass
		50	25	22.68	2.14	24.82	<=33.00	Pass
			50	22.58	2.14	24.72	<=33.00	Pass
		100	0	22.66	2.14	24.80	<=33.00	Pass
			0					Pass
		1	50	23.87	2.14	26.01	<=33.00	Pass
			99	23.55	2.14	25.69	<=33.00	Pass
	2610		0	22.81	2.14	24.95	<=33.00	Pass
		50	25	22.78	2.14	24.92	<=33.00	Pass
			50	_		24.78	<=33.00	Pass
		100	0	22.74	2.14	24.88	<=33.00	Pass
			0	22.59		24.73	<=33.00	Pass
		1	50	22.68	2.14	24.82	<=33.00	Pass
16QAM	2580		99					Pass
IUQAW	2300		0	21.70	2.14	23.84	<=33.00	Pass
		50	25	21.71	2.14	23.85	<=33.00	Pass
			50	21.61	2.14	23.75	<=33.00	Pass



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					_	-		
		100	0	21.67	2.14	23.81	<=33.00	Pass
			0	22.72	2.14	24.86	<=33.00	Pass
		1	50	22.60	2.14	24.74	<=33.00	Pass
			99	22.25	2.14	24.39	<=33.00	Pass
	2595		0	21.79	2.14	23.93	<=33.00	Pass
		50	25	21.72	2.14	23.86	<=33.00	Pass
			50	21.65	2.14	23.79	<=33.00	Pass
		100	0	21.72	2.14	23.86	<=33.00	Pass
			0	22.17	2.14	24.31	<=33.00	Pass
		1	50	23.05	2.14	25.19	<=33.00	Pass
			99	22.78	2.14	24.92	<=33.00	Pass
	2610		0	21.91	2.14	24.05	<=33.00	Pass
		50	25	21.83	2.14	23.97	<=33.00	Pass
			50	21.74	2.14	23.88	<=33.00	Pass
		100	0	21.80	2.14	23.94	<=33.00	Pass
Note1: EIF	RP=Conducted I	Power+Anter	nna Gain					
			•	•	•	•		•



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2. Frequency Stability

2.4 B38 20MHz

2.4.1 Test Result

Ţ	Fraguesas	ווא מם	oostic:		8 / Bandwid		From the D	atad (n::::::)													
Modulation	Frequency (MHz)	Size	ocation Offset	Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. R		Verdict												
	(IVITIZ)	Size	Oliset	(0)	(VDC) 8	-1.193	Result -0.0005	Limit	Pass												
				20	12	-3.540	-0.0003		Pass												
				20	16	4.070	0.0014		Pass												
				-30	12	-5.810	-0.0023		Pass												
				-20	12	0.073	0.0000	1	Pass												
	2580	100	0	-10	12	1.937	0.0008	1	Pass												
	2300	100		0	12	-0.458	-0.0002	/	Pass												
				10	12	-2.945	-0.0002	/	Pass												
				30	12	-3.128	-0.0011	/	Pass												
				40	12	-7.303	-0.0012	/	Pass												
				50	12	-5.965	-0.0023	/	Pass												
•				30	8	-8.272	-0.0023	/	Pass												
				20	12	-9.090	-0.0032	/	Pass												
				20	16	-7.253	-0.0033	0028 /	Pass												
				-30	12	-0.815	-0.0003	1	Pass												
					12	-3.618	-0.0014	' ,	Pass												
QPSK	2595	2595 100	0	-10	12	-2.888	-0.0011	1	Pass												
QI OIX	2000			0	12	-4.417	-0.0017	'	Pass												
				10	12	-2.492	-0.0010	1	Pass												
				30	12	-1.088	-0.0004	1	Pass												
											- -					40	12	-6.606	-0.0025	1	Pass
																					50
•							8	-2.098	-0.0008	1	Pass										
				20	12	-10.549	-0.0040	1	Pass												
					16	-7.340	-0.0028	1	Pass												
				-30	12	-2.156	-0.0008	1	Pass												
				-20	12	-2.753	-0.0011	/	Pass												
	2610	100	0	-10	12	-13.587	-0.0052	/	Pass												
				0	12	-0.921	-0.0004	/	Pass												
				10	12	-11.256	-0.0043	/	Pass												
				30	12	-3.192	-0.0012	/	Pass												
				40	12	-7.269	-0.0028	/	Pass												
				50	12	-10.380	-0.0040	/	Pass												
					8	-4.933	-0.0019	/	Pass												
				20	12	-1.830	-0.0007	/	Pass												
16QAM 2580	2500	400			16	-2.147	-0.0008	/	Pass												
	2580	100	0	-30	12	-6.786	-0.0026	/	Pass												
				-20	12	-3.011	-0.0012	1	Pass												
				-10	12	-1.775	-0.0007	1	Pass												



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					raye.	0 01 191																								
			0	12	3.956	0.0015	/	Pass																						
			10	12	-3.600	-0.0014	/	Pass																						
			30	12	-4.551	-0.0018	1	Pass																						
			40	12	-7.206	-0.0028	1	Pass																						
			50	12	-6.660	-0.0026	1	Pass																						
				8	-5.281	-0.0020	1	Pass																						
			20	12	-4.048	-0.0016	/	Pass																						
				16	-6.624	-0.0026	/	Pass																						
			-30	12	-3.086	-0.0012	/	Pass																						
			-20	12	-7.807	-0.0030	/	Pass																						
2595	100	0	-10	12	-8.358	-0.0032	/	Pass																						
			0	12	-4.042	-0.0016	/	Pass																						
				10	12	-4.967	-0.0019	/	Pass																					
			30	12	-7.199	-0.0028	/	Pass																						
			40	12	-2.211	-0.0009	/	Pass																						
			50	12	-11.708	-0.0045	/	Pass																						
				8	-11.315	-0.0043	1	Pass																						
			-		_	-	-	<u>-</u>	_	_	-	-	20	12	-8.655	-0.0033	1	Pass												
													-	<u>-</u>							_					16	-6.667	-0.0026	1	Pass
						-20	12	-0.905	-0.0003	1	Pass																			
2610	100	0	-10	12	-7.140	-0.0027	1	Pass																						
			0	12	-5.427	-0.0021	1	Pass																						
			10	12	-10.760	-0.0041	1	Pass																						
			30	12	-3.114	-0.0012	1	Pass																						
			40	12	-8.622	-0.0033	1	Pass																						
			50	12	-5.114	-0.0020	1	Pass																						



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3. 99% & 26dB Bandwidth

3.1 Band38_OBW

3.1.1 Test Result

				: 38 / NTNV			
Bandwidth (MHz)	Modulation	Frequency	RB All	ocation	99% Occupied E	Bandwidth (MHz)	Verdict Pass Pass Pass Pass Pass Pass Pass Pa
Dandwidth (MHZ)	iviodulation	(MHz)	Size	Offset	Result	Limit	verdict
		2572.5	25	0	4.538	/	Pass
	QPSK	2595	25	0	4.549	1	Pass
5		2617.5	25	0	4.540	/	Pass
3		2572.5	25	0	4.558	/	Pass
	16QAM	2595	25	0	4.540	1	Pass
		2617.5	25	0	4.532	1	Pass
		2575	50	0	9.071	1	Pass
	QPSK	2595	50	0	9.070	1	Pass
40		2615	50	0	9.071	1	Pass
10		2575	50	0	9.057	1	Pass
	16QAM	2595	50	0	9.054	1	Pass
		2615	50	0	9.065	1	Pass
		2577.5	75	0	13.614	1	Pass
	QPSK	2595	75	0	13.566	1	Pass
15		2612.5	75	0	13.541	1	Pass
15		2577.5	75	0	13.591	1	Pass
	16QAM	2595	75	0	13.553	1	Pass
		2612.5	75	0	13.622	1	Pass
		2580	100	0	18.139	1	Pass
	QPSK	2595	100	0	18.074	1	Pass
20		2610	100	0	18.150	1	Pass
20		2580	100	0	18.060	1	Pass
	16QAM	2595	100	0	18.107	1	Pass
		2610	100	0	18.142	1	Pass



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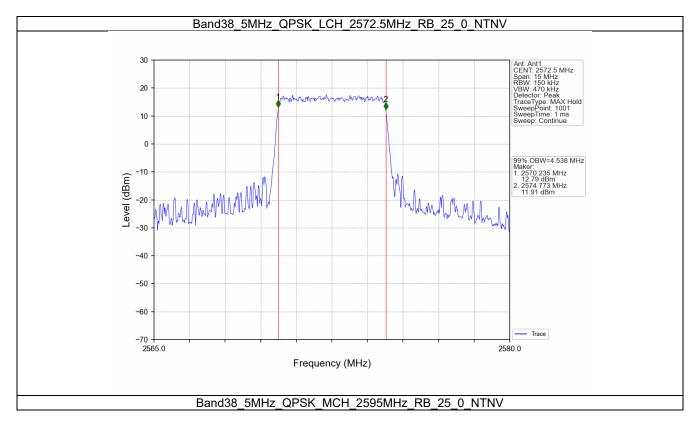




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3.1.2 Test Graph





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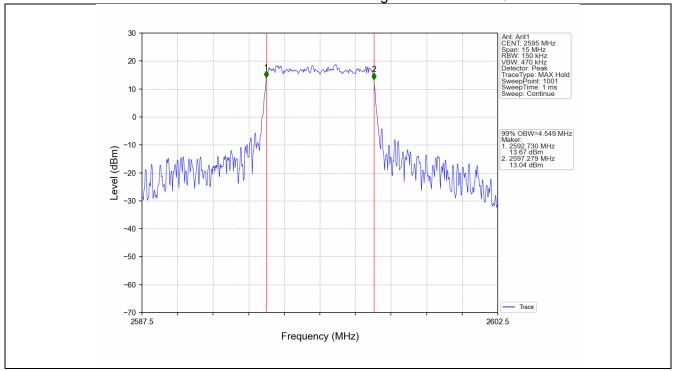
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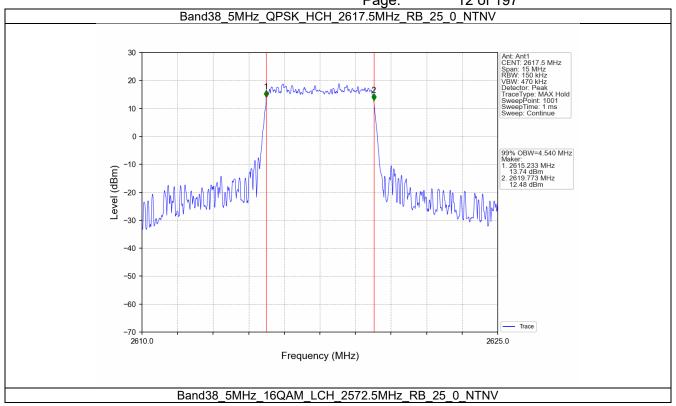
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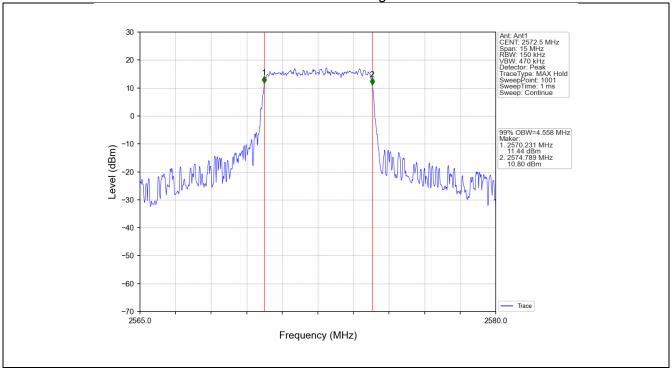
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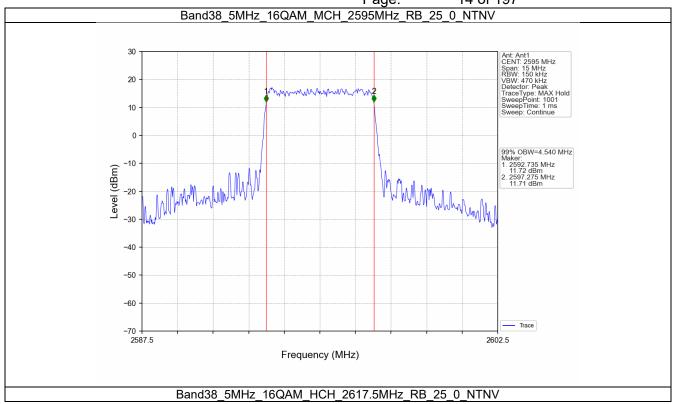
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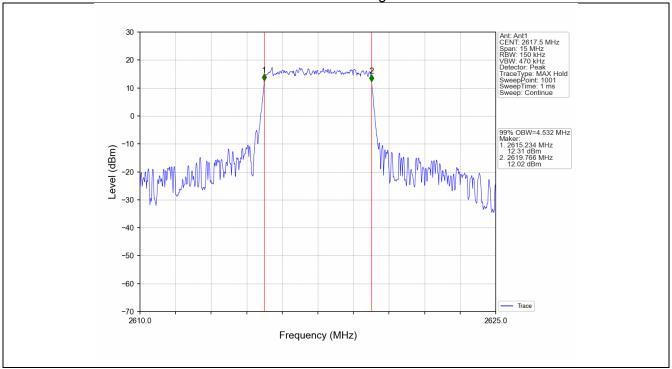
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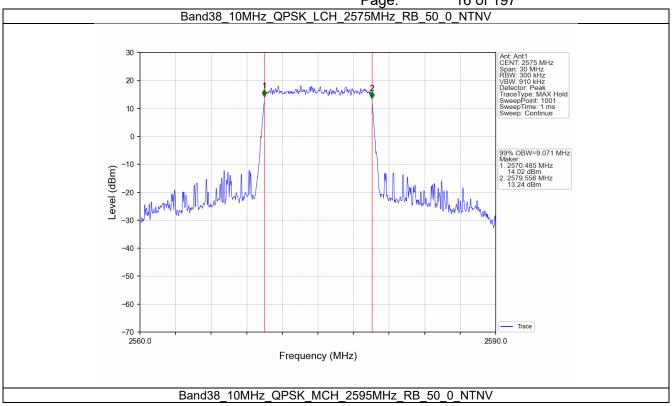
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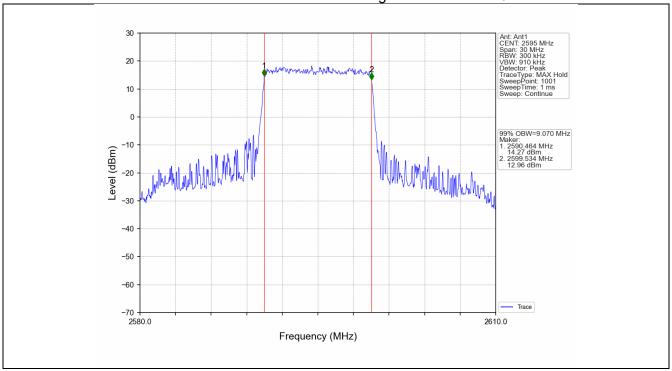
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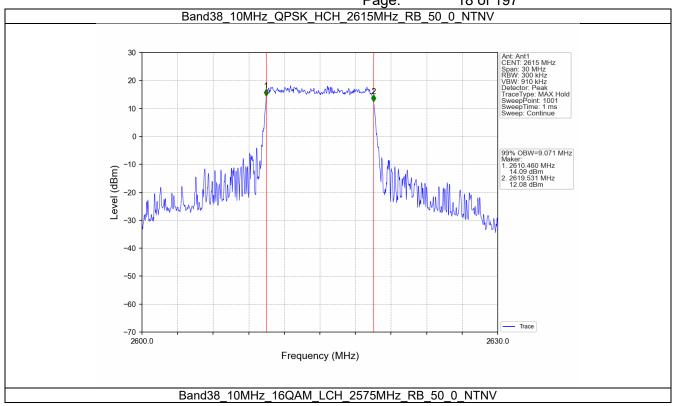
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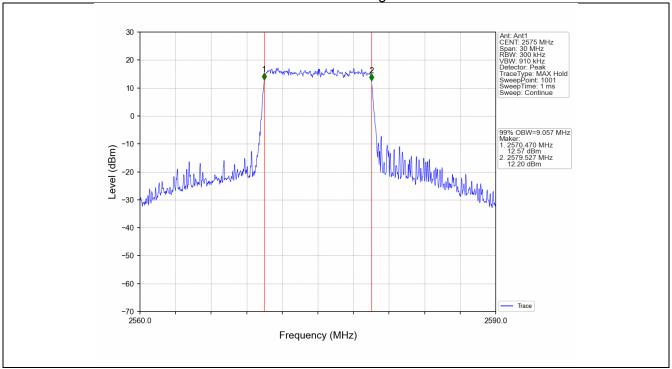
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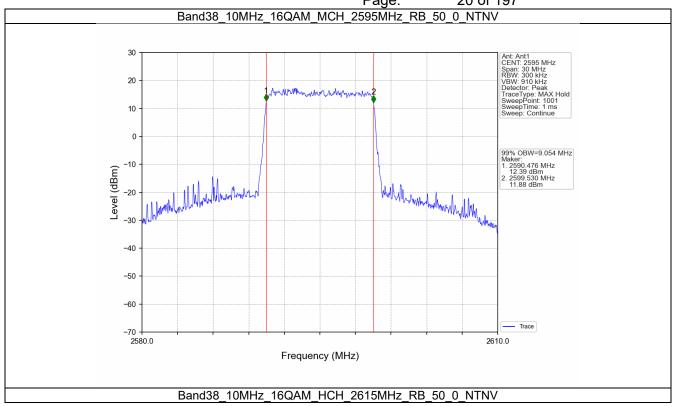
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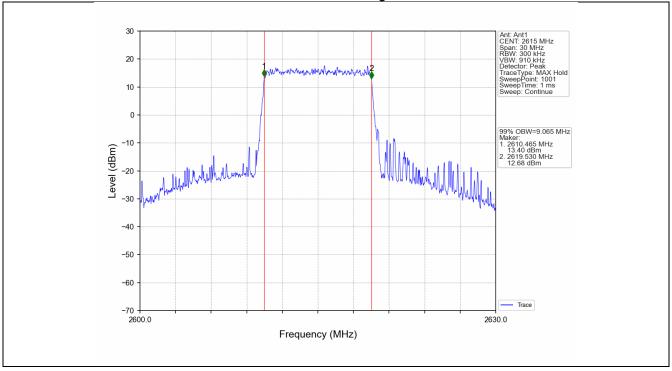
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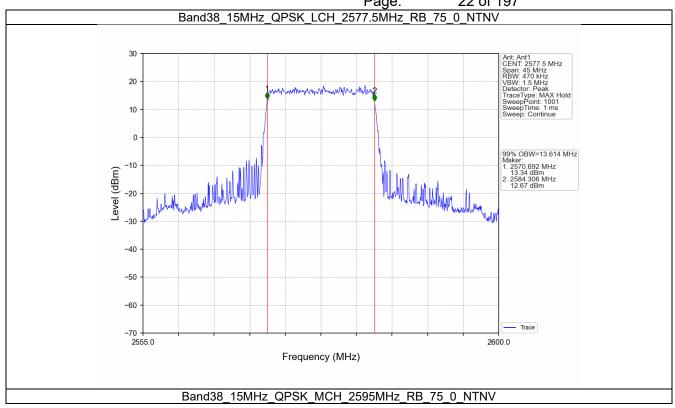
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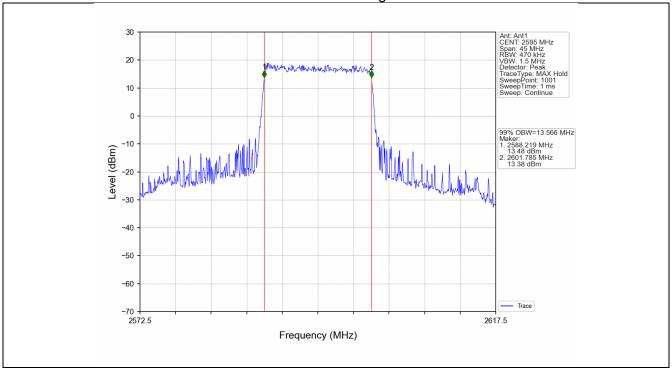
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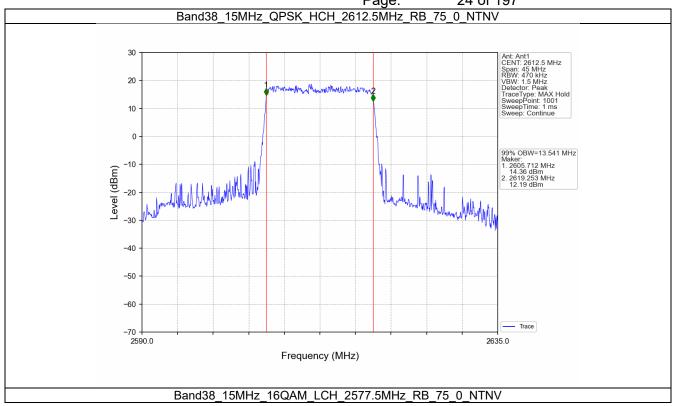
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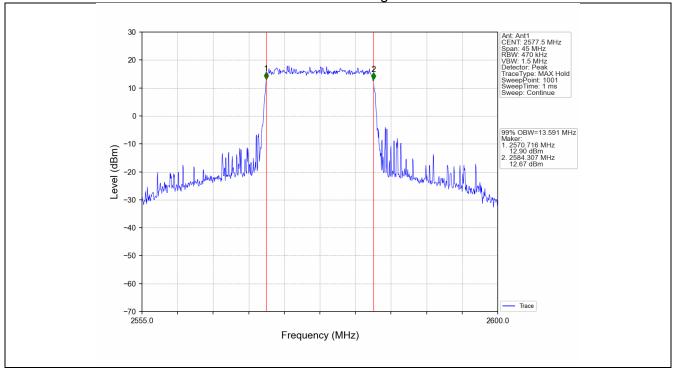
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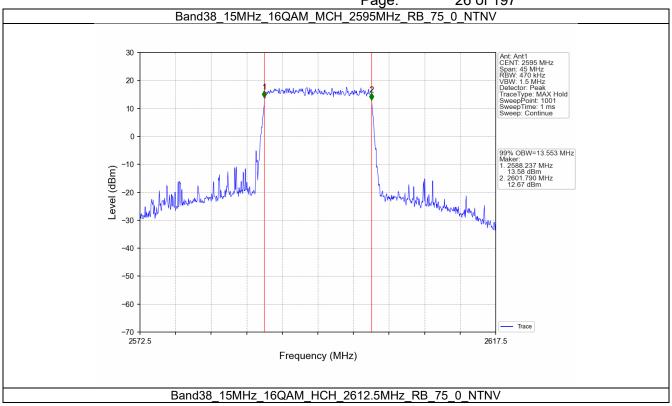
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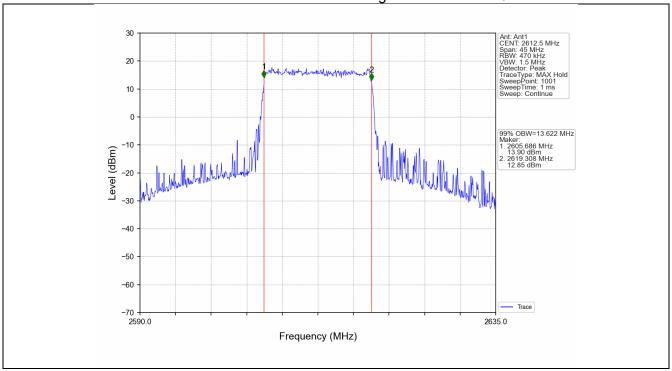
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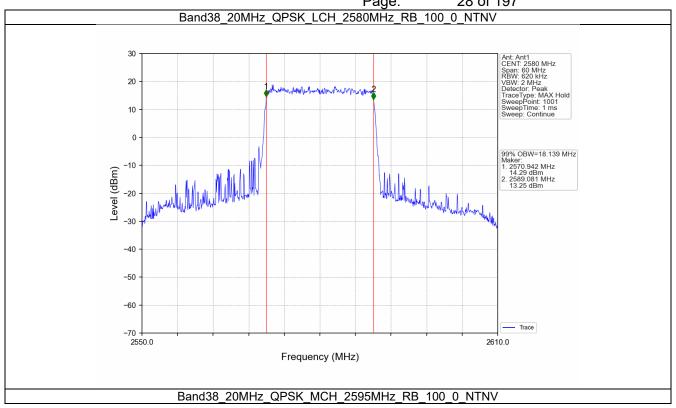
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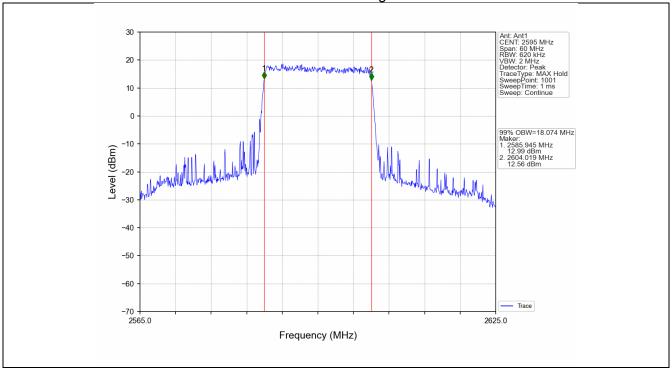
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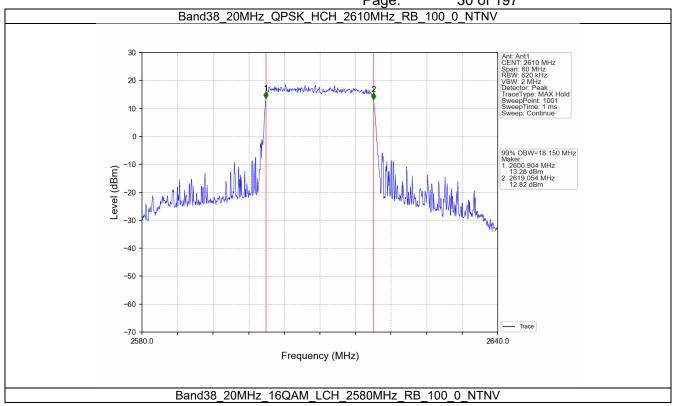
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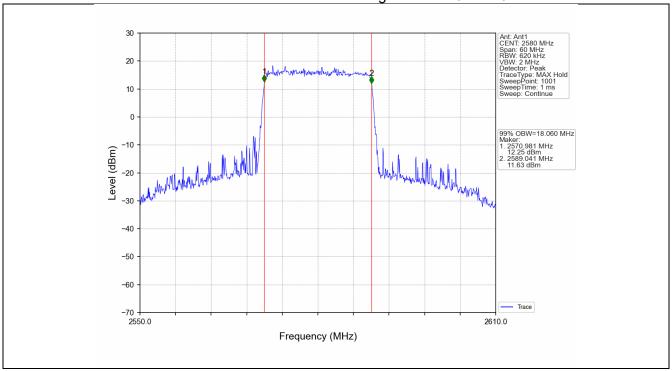
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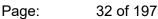
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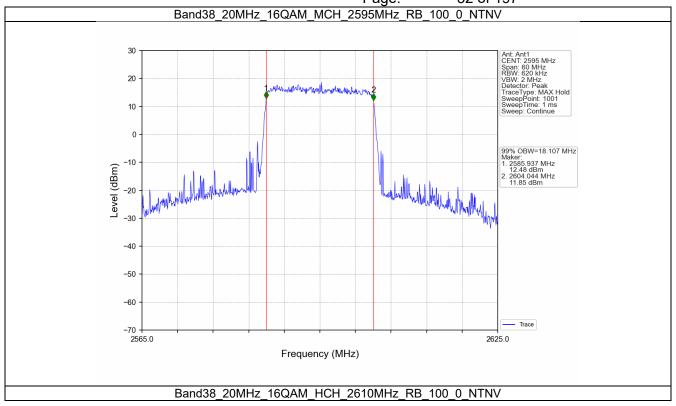
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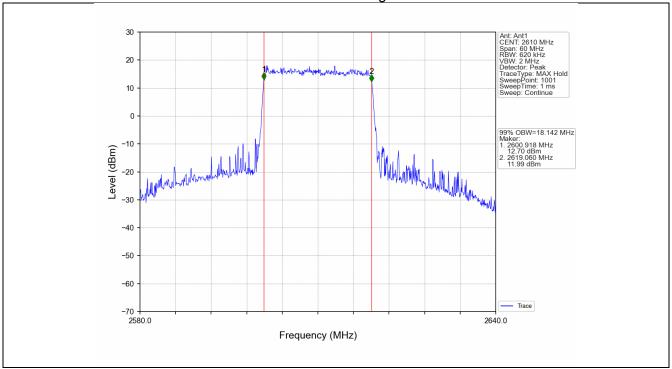
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3.2 Band38_XDB

3.2.1 Test Result

			Band: 38	/ NTNV			
Bandwidth (MHz)	Modulation	Frequency	RB Alle	ocation	26dB Bandy	vidth (MHz)	Verdict
bandwidth (MHZ)	Modulation	(MHz)	Size	Offset	Result	Limit	verdict
		2572.5	25	0	4.986	/	Pass
	QPSK	2595	25	0	5.386	/	Pass
5		2617.5	25	0	4.990	/	Pass
5		2572.5	25	0	5.338	/	Pass
	16QAM	2595	25	0	5.012	1	Pass
		2617.5	25	0	5.160	/	Pass
		2575	50	0	9.938	/	Pass
	QPSK	2595	50	0	10.781	/	Pass
40		2615	50	0	11.681	/	Pass
10		2575	50	0	10.318	/	Pass
	16QAM	2595	50	0	9.877	/	Pass
		2615	50	0	10.059		Pass
		2577.5	75	0	15.095	/	Pass
	QPSK	2595	75	0	14.875	/	Pass
15		2612.5	75	0	14.860	/	Pass
15		2577.5	75	0	17.875	/	Pass
	16QAM	2595	75	0	15.271	/	Pass
		2612.5	75	0	15.448	/	Pass
		2580	100	0	20.210	1	Pass
	QPSK	2595	100	0	20.898	1	Pass
20		2610	100	0	21.548	/	Pass
20		2580	100	0	20.792	/	Pass
	16QAM	2595	100	0	22.461	/	Pass
		2610	100	0	19.689	/	Pass



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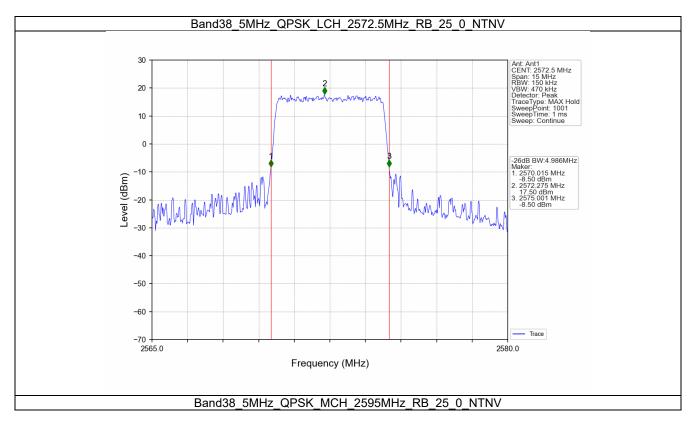




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3.2.2 Test Graph





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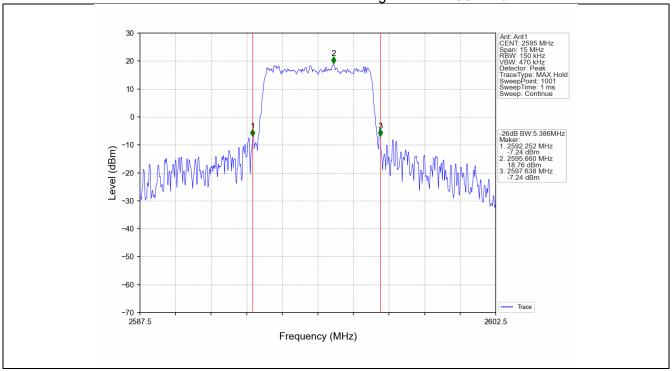
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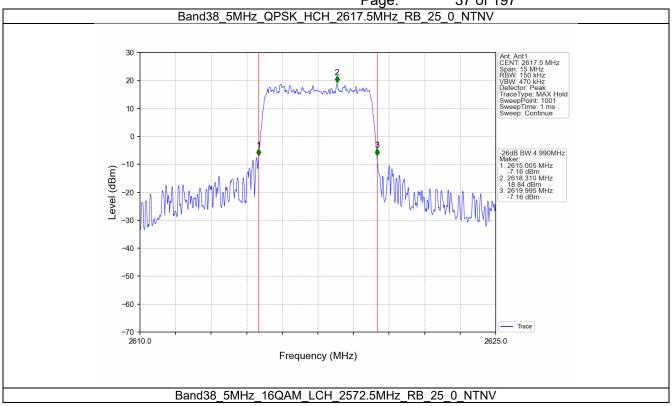
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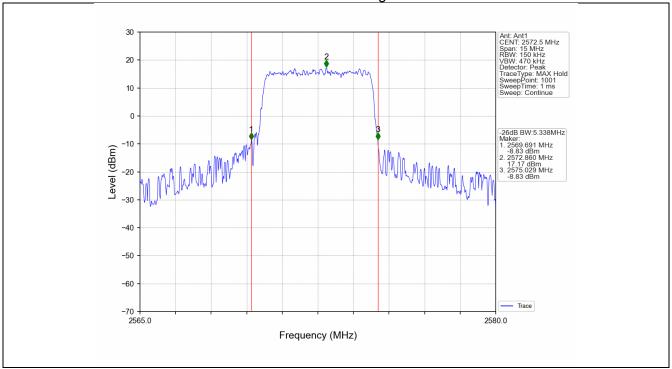
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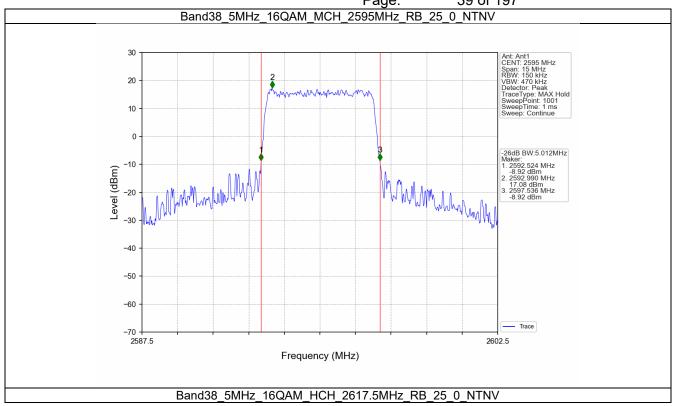
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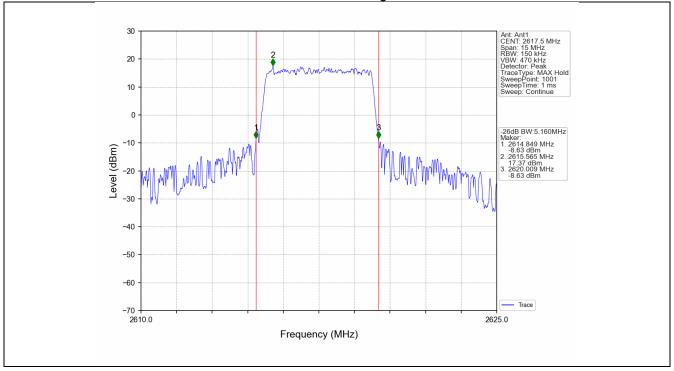
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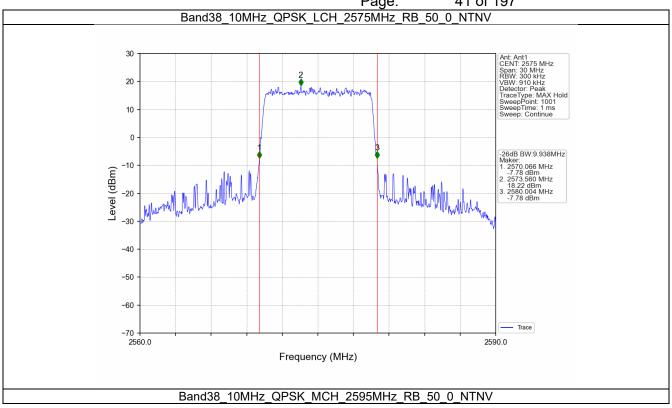
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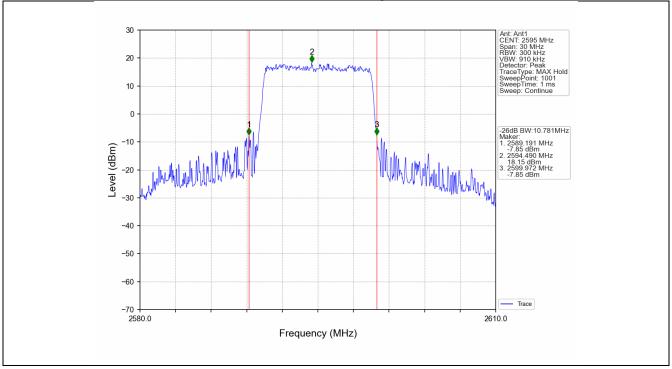
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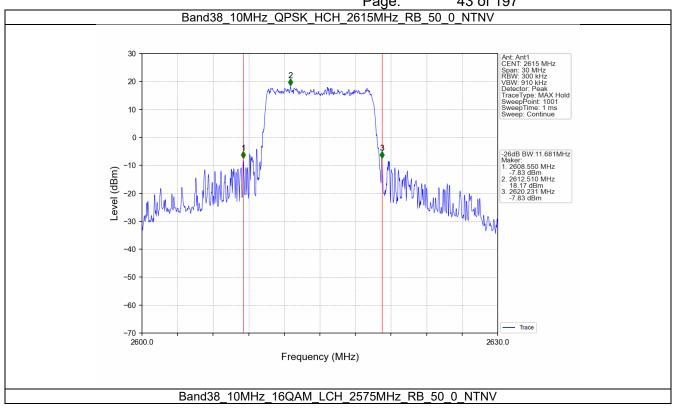
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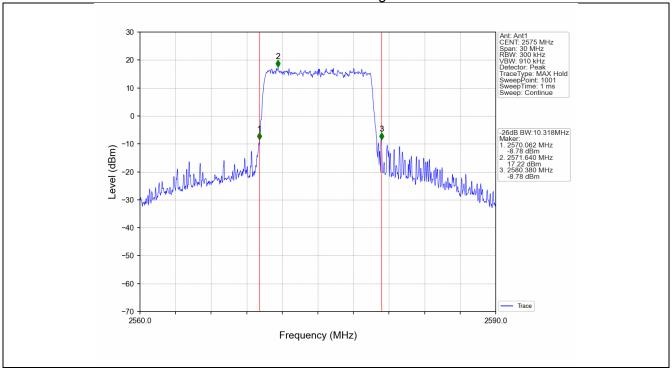
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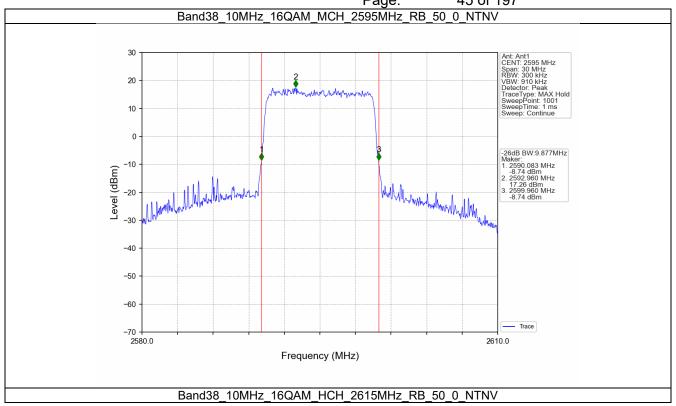
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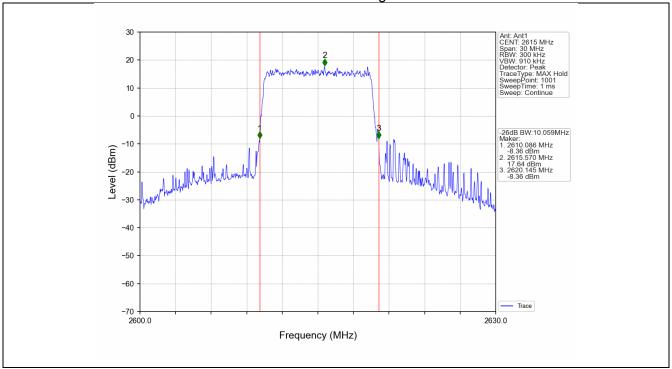
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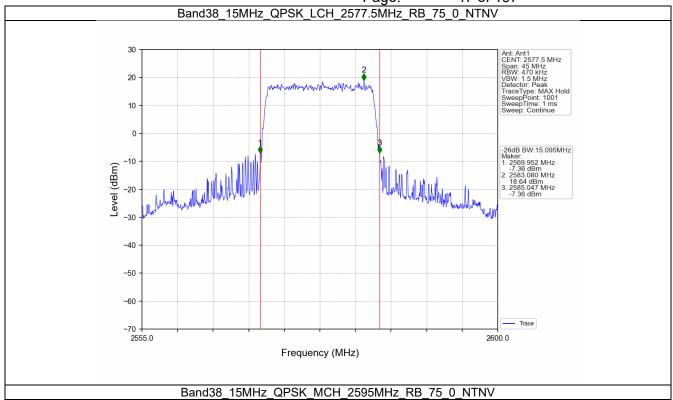
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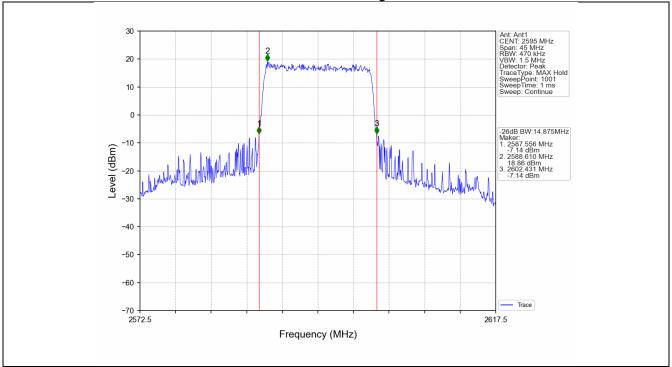
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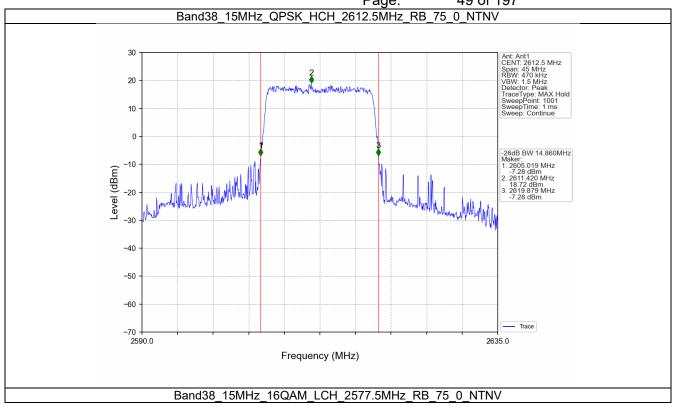
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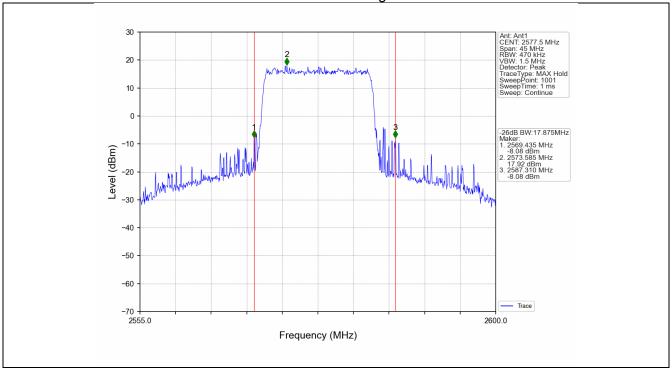
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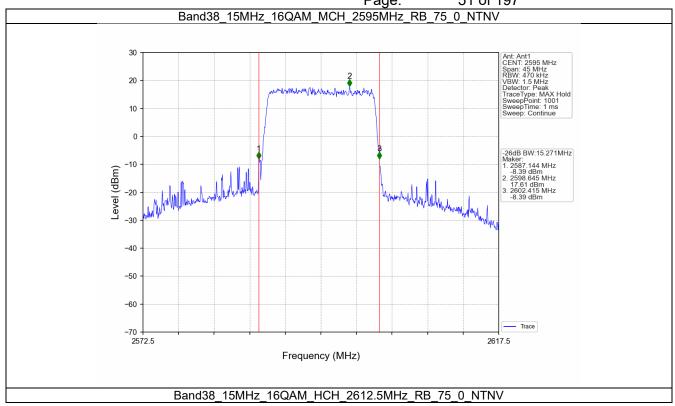
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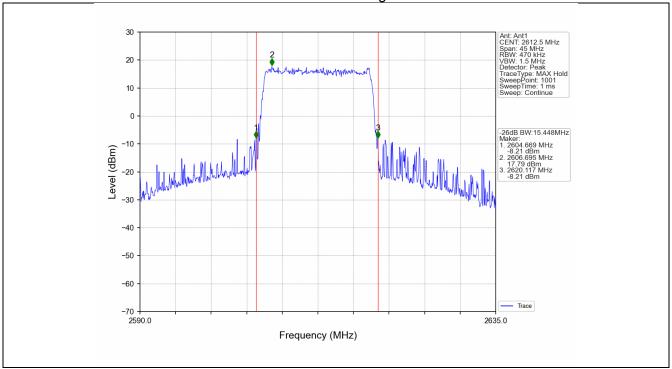
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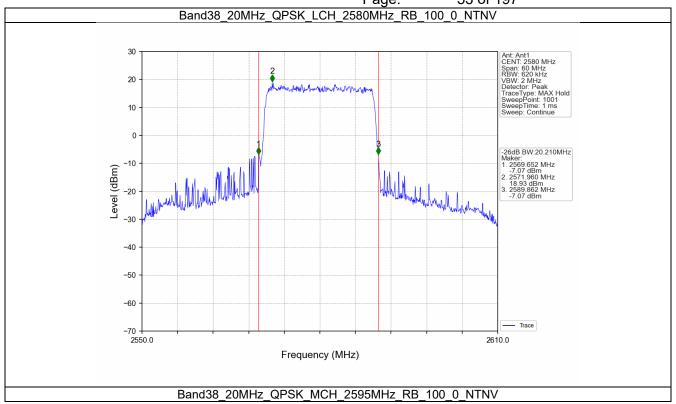
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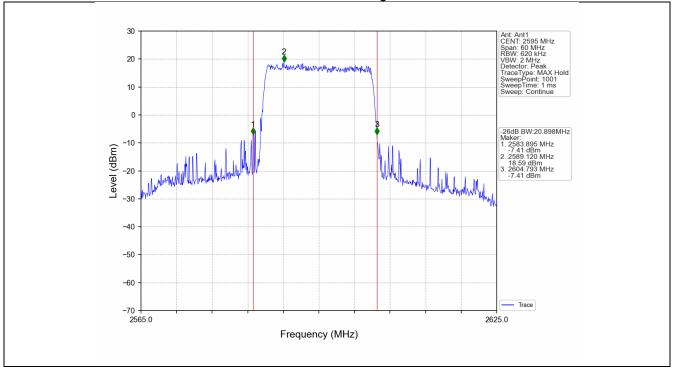
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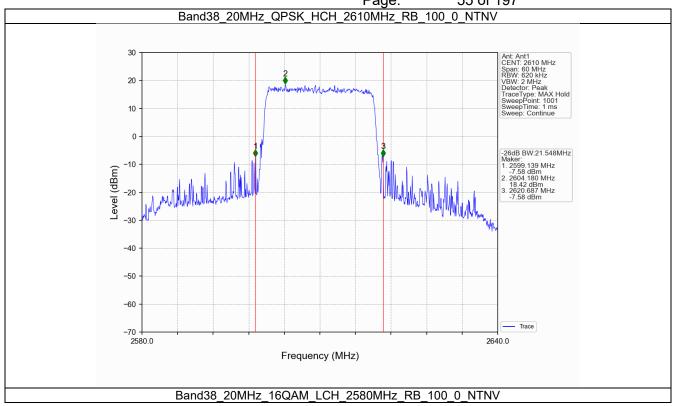
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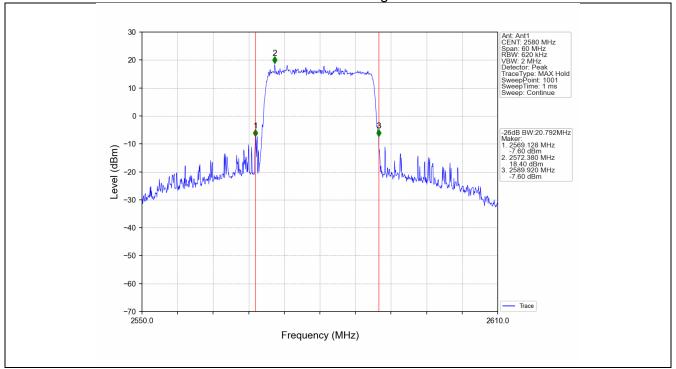
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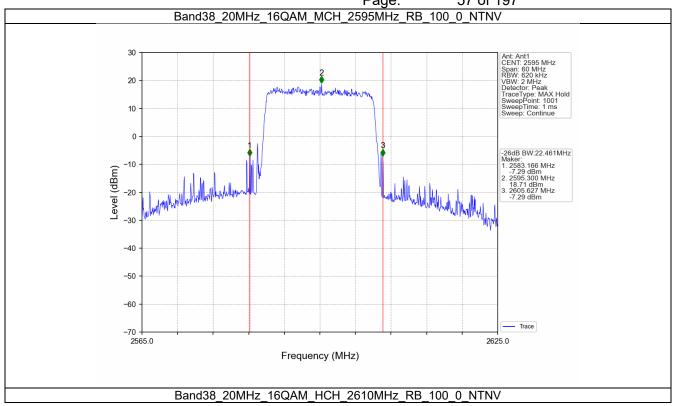
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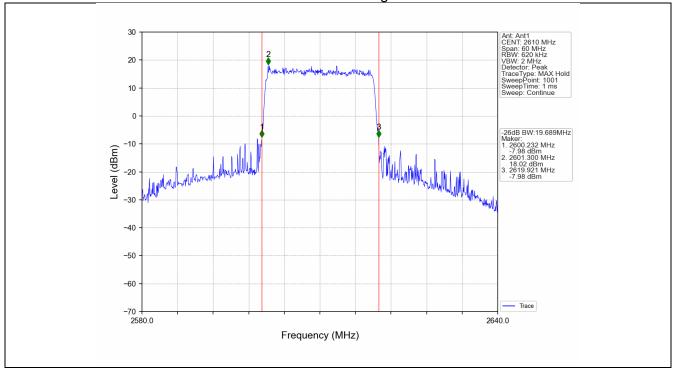
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4. Peak-Average Ratio

4.1 B38_5MHz

4.1.1 Test Result

		Ва	nd: 38 / Bandwid	th: 5MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		\/ordist
	(MHz)	Size	Offset	Result	Limit	Verdict
QPSK	2572.5	25	0	7.69	<=13	Pass
	2595	25	0	7.70	<=13	Pass
	2617.5	25	0	7.57	<=13	Pass
16QAM	2572.5	25	0	8.46	<=13	Pass
	2595	25	0	8.35	<=13	Pass
	2617.5	25	0	8.62	<=13	Pass



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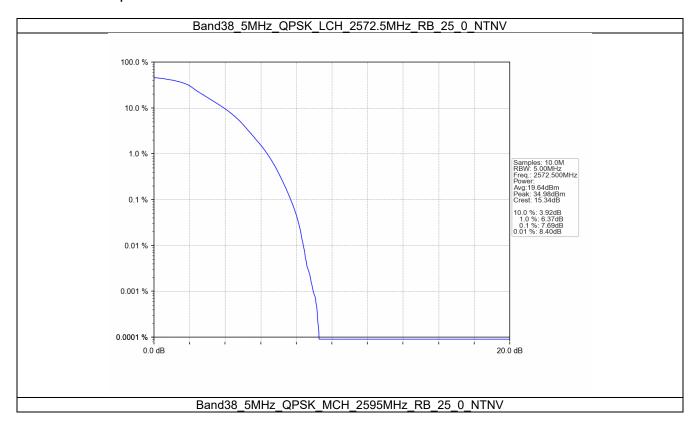


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4.1.2 Test Graph





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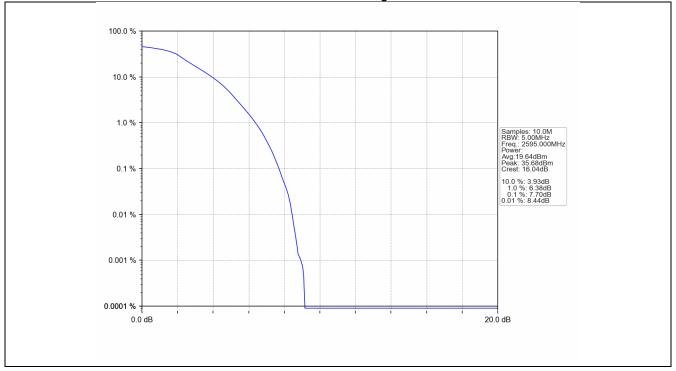
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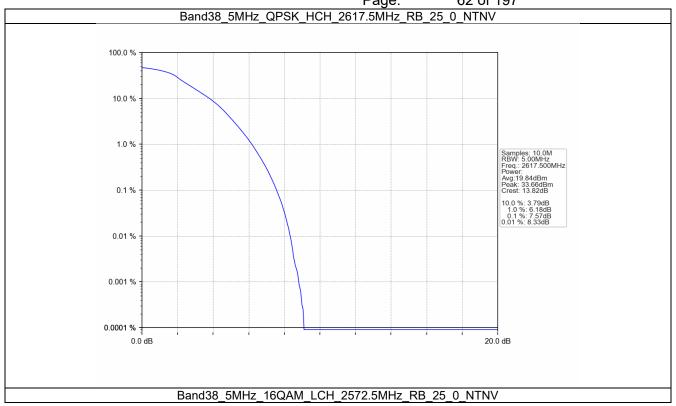
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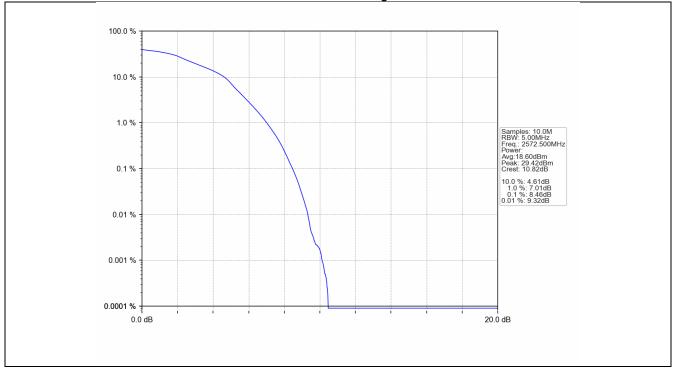
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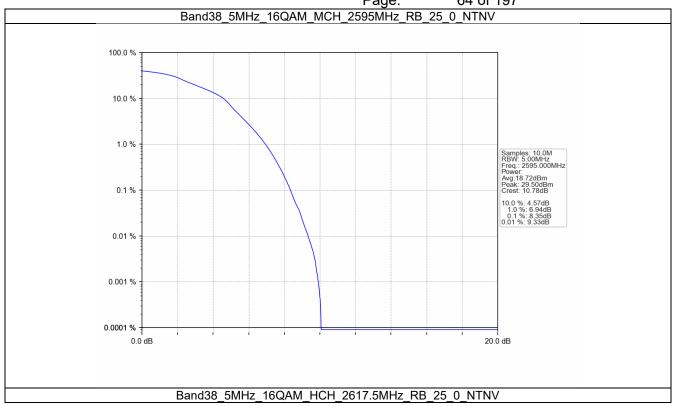
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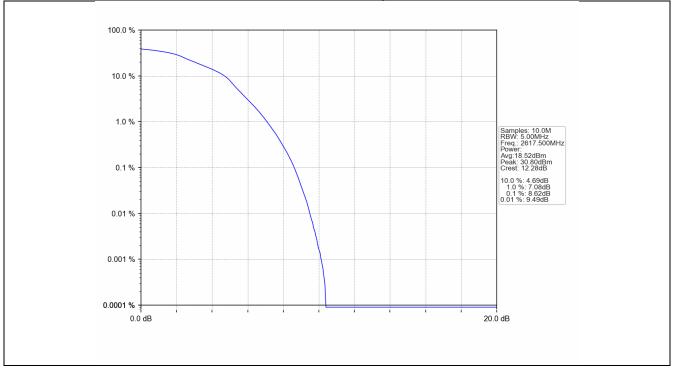
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4.2 B38_10MHz

4.2.1 Test Result

		Ban	d: 38 / Bandwidt	h: 10MHz / NTNV		
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict
	(MHz)	Size	Offset	Result	Limit	verdict
QPSK	2575	50	0	7.71	<=13	Pass
	2595	50	0	7.74	<=13	Pass
	2615	50	0	7.68	<=13	Pass
16QAM	2575	50	0	8.41	<=13	Pass
	2595	50	0	8.53	<=13	Pass
	2615	50	0	8.45	<=13	Pass



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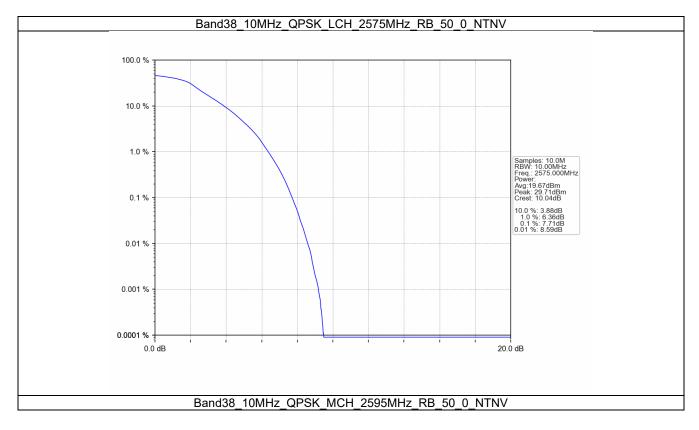


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4.2.2 Test Graph





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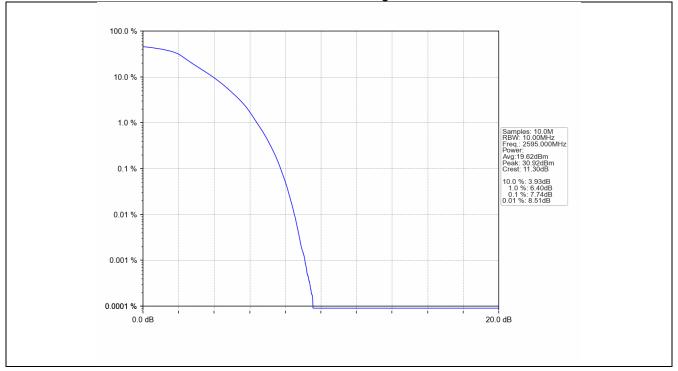
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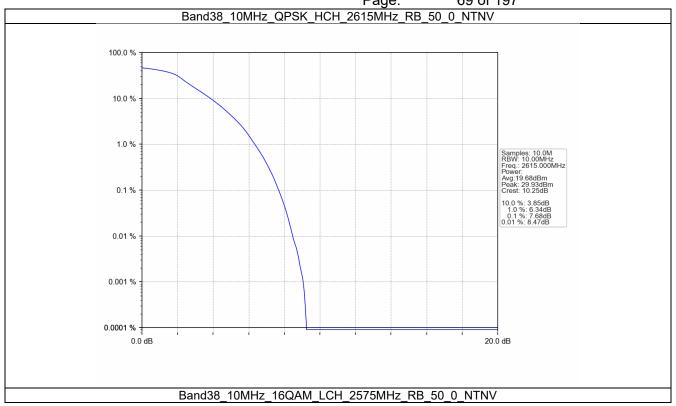
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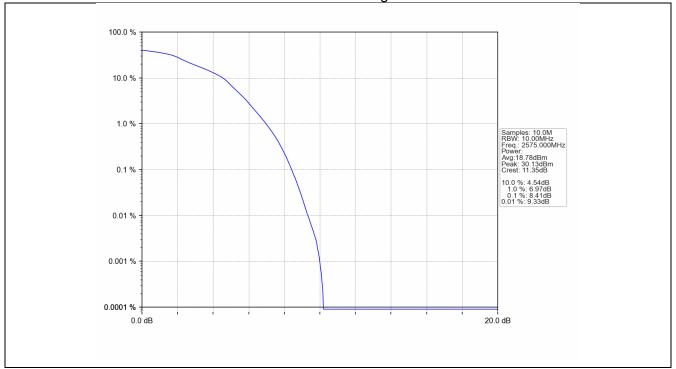
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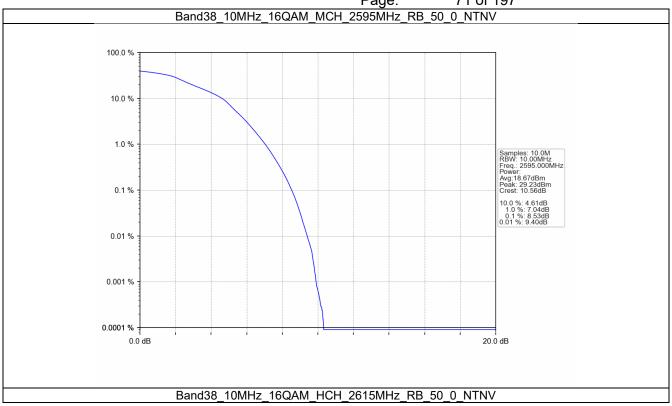
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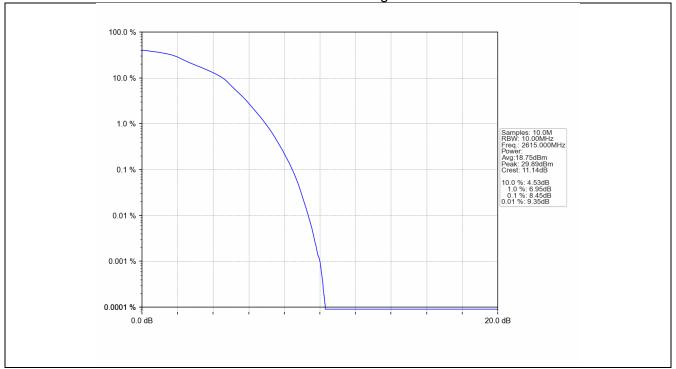
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4.3 B38_15MHz

4.3.1 Test Result

		Bar	d: 38 / Bandwidt	h: 15MHz / NTNV		
Marahada 45 a sa	Frequency	RB Allocation		Peak-Average Ratio (dB)		\
Modulation	(MHz)	Size	Offset	Result	Limit	Verdict
	2577.5	75	0	7.89	<=13	Pass
QPSK	2595	75	0	8.14	<=13	Pass
	2612.5	75	0	7.82	<=13	Pass
	2577.5	75	0	8.60	<=13	Pass
16QAM	2595	75	0	8.55	<=13	Pass
	2612.5	75	0	8.51	<=13	Pass



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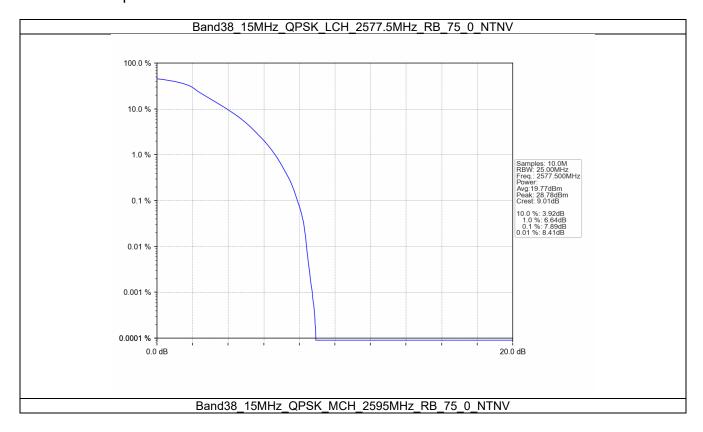


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4.3.2 Test Graph





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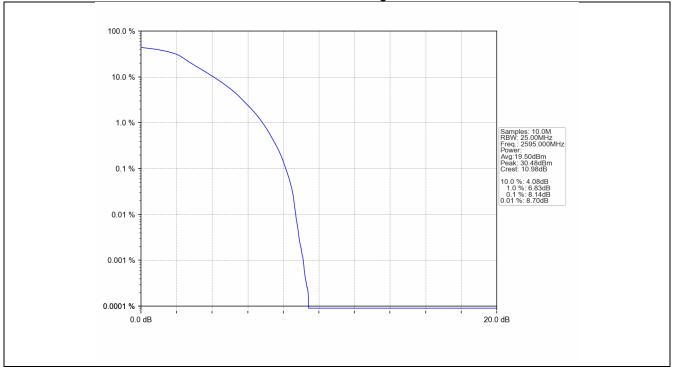
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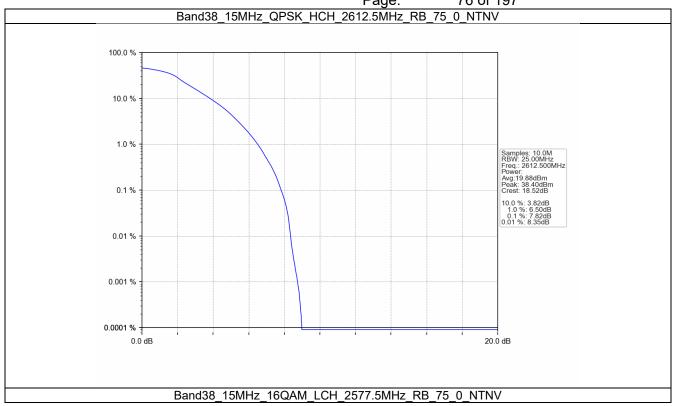
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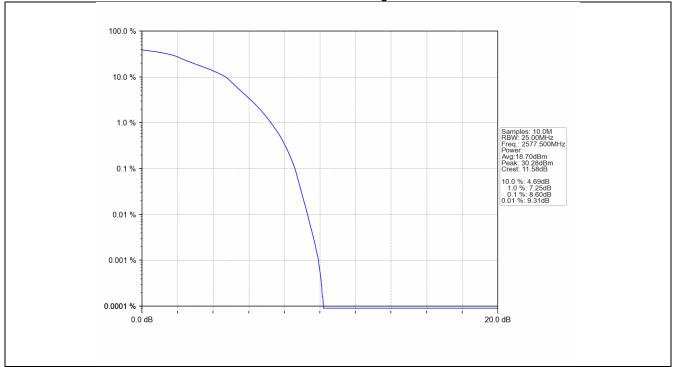
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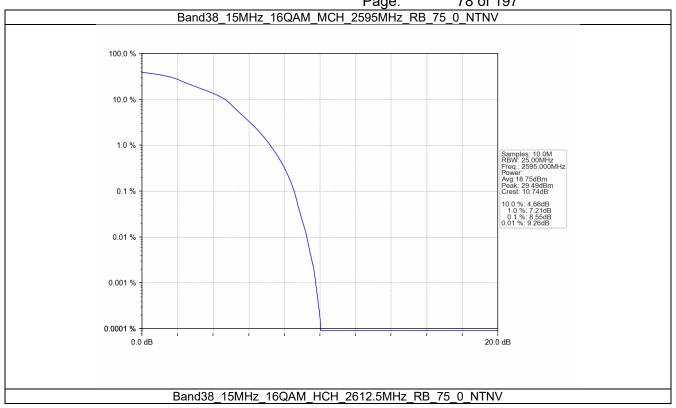
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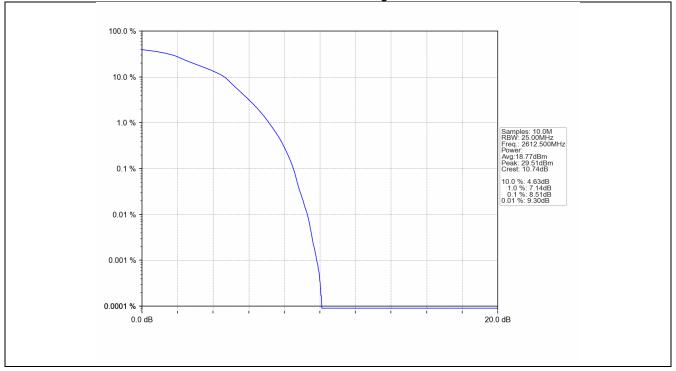
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4.4 B38_20MHz

4.4.1 Test Result

Band: 38 / Bandwidth: 20MHz / NTNV								
NA - ded - ti - c	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict		
Modulation	(MHz)	Size	Offset	Result	Limit	verdict		
	2580	100	0	7.66	<=13	Pass		
QPSK	2595	100	0	7.64	<=13	Pass		
	2610	100	0	7.88	<=13	Pass		
	2580	100	0	8.33	<=13	Pass		
16QAM	2595	100	0	8.50	<=13	Pass		
	2610	100	0	8.13	<=13	Pass		



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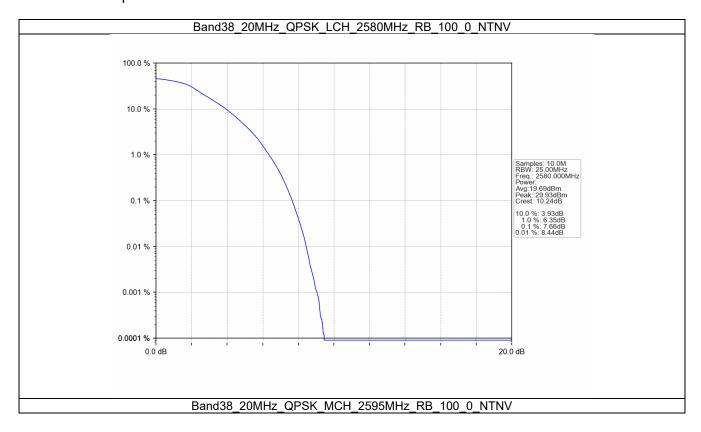


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4.4.2 Test Graph





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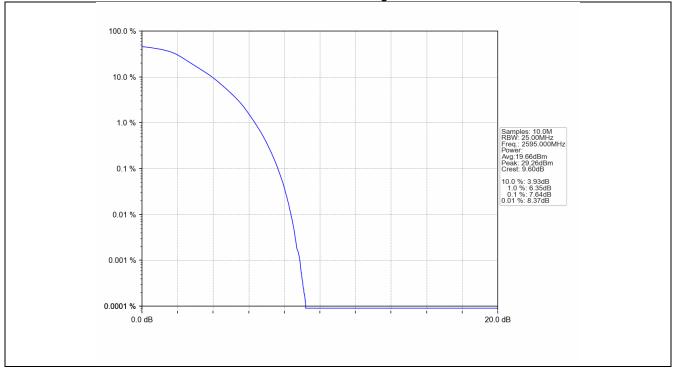
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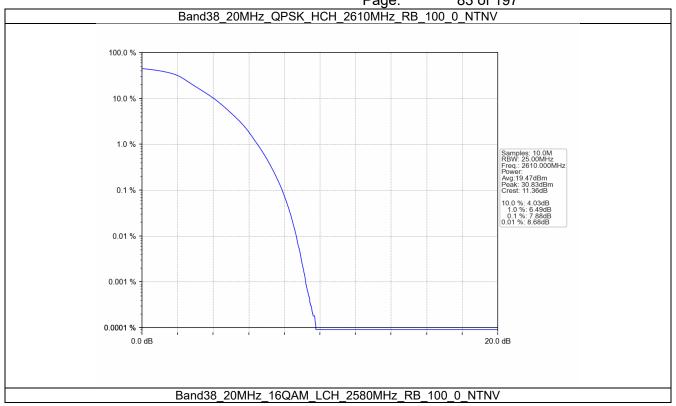
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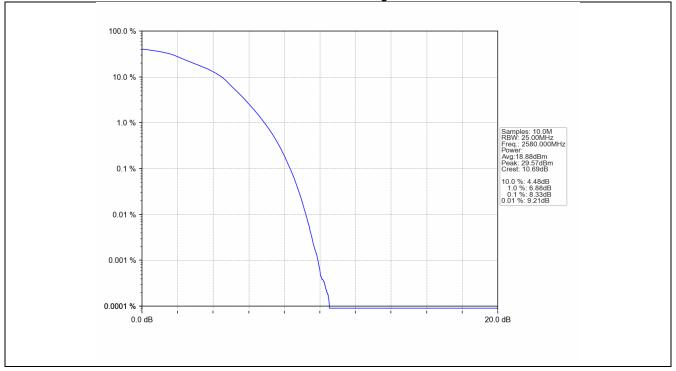
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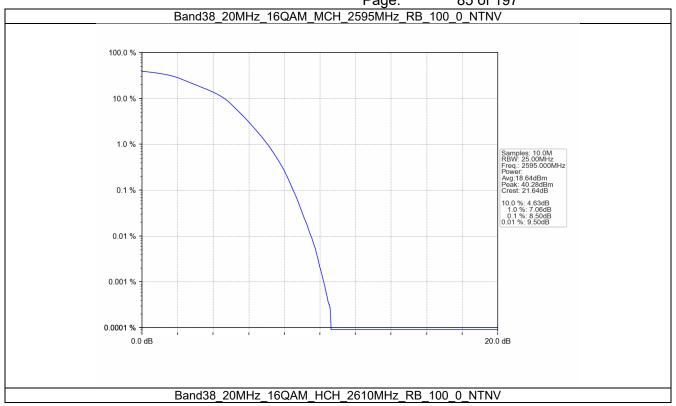
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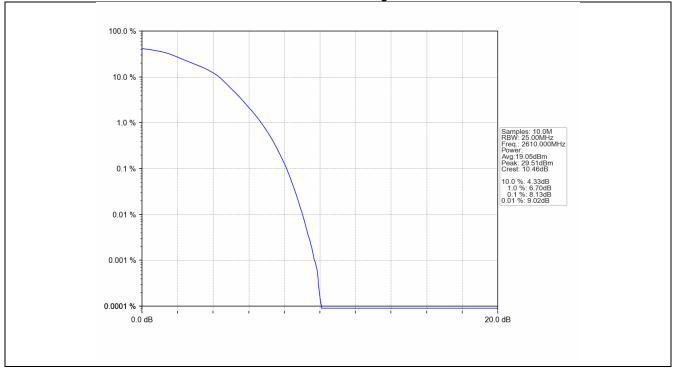
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5. Spurious Emission & Band Edges

5.1 Test Result

5.1.1 B38_5MHz

	Band:	38 / Bandwidth	n: 5MHz / NTNV		
Frequency (MHz)	RB All	ocation	Spurious Emission		Verdict
	Size	Offset	Result	Limit	_ veralet
2572.5	1	0	Refer To Tes	t Graph	Pass
20.2.0	25	0	Refer To Tes	t Graph	Pass
2595	1	0	Refer To Tes	Refer To Test Graph	
2617.5	1	0	Refer To Tes	t Graph	Pass
	·	24	Refer To Tes	t Graph	Pass
	25	0	Refer To Tes	t Graph	Pass
2572 5	1	0	Refer To Tes	t Graph	Pass
2012.0	25	0	Refer To Tes	t Graph	Pass
2595	1	0	Refer To Tes	t Graph	Pass
2617.5	1	0	Refer To Tes	t Graph	Pass
	ı	24	Refer To Tes	t Graph	Pass
	25	0	Refer To Tes	t Graph	Pass
	2572.5 2595 2617.5 2572.5	Frequency (MHz) Size 2572.5 2595 1 2617.5 25 25 25 25 1 2617.5 1 2617.5 1 2617.5	Frequency (MHz) RB Allocation Size Offset 2572.5 1 0 2595 1 0 2617.5 1 0 25 0 25 0 2572.5 1 0 2595 1 0 2595 1 0 2617.5 24	Size	Frequency (MHz) RB Allocation Spurious Emission 2572.5 1 0 Refer To Test Graph 2572.5 25 0 Refer To Test Graph 2595 1 0 Refer To Test Graph 2617.5 1 0 Refer To Test Graph 2617.5 25 0 Refer To Test Graph 2572.5 1 0 Refer To Test Graph 2595 1 0 Refer To Test Graph 2595 1 0 Refer To Test Graph 2617.5 1 0 Refer To Test Graph 2617.5 1 0 Refer To Test Graph

5.1.2 B38_10MHz



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		Band: 3	38 / Bandwidth:	10MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
	2575	1	0	Refer To Tes	t Graph	Pass
		50	0	Refer To Tes	t Graph	Pass
QPSK	2595	1	0	Refer To Tes	Refer To Test Graph	
QI OIL		1	0	Refer To Tes	t Graph	Pass
	2615	·	49	Refer To Tes	t Graph	Pass
		50	0	Refer To Tes	t Graph	Pass
	2575	1	0	Refer To Tes	t Graph	Pass
	2010	50	0	Refer To Tes	t Graph	Pass
16QAM	2595	1	0	Refer To Tes	t Graph	Pass
TOQAW		1	0	Refer To Tes	t Graph	Pass
	2615	'	49	Refer To Tes	t Graph	Pass
		50	0	Refer To Tes	t Graph	Pass

5.1.3 B38_15MHz

Band: 38 / Bandwidth: 15MHz / NTNV									
Modulation	Frequency	RB Alle	ocation	Spurious Em	nission	Verdict			
	(MHz)	Size	Offset	Result	Limit				
QPSK	2577.5	1	0	Refer To Tes	t Graph	Pass			



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		75	0	Refer To Test Graph	Pass
	2595	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2612.5		74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	2577.5	1	0	Refer To Test Graph	Pass
	20.7.10	75	0	Refer To Test Graph	Pass
16QAM	2595	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2612.5		74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.1.4 B38_20MHz

		Band: 3	88 / Bandwidth:	20MHz / NTNV		
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	J
	2580	1	0	Refer To Tes	t Graph	Pass
		100	0	Refer To Test	t Graph	Pass
QPSK	2595	1	0	Refer To Test	t Graph	Pass
	2610	1	0	Refer To Test	t Graph	Pass
			99	Refer To Test	t Graph	Pass



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		100	0	Refer To Test Graph	Pass
	2580	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2595	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2610		99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass



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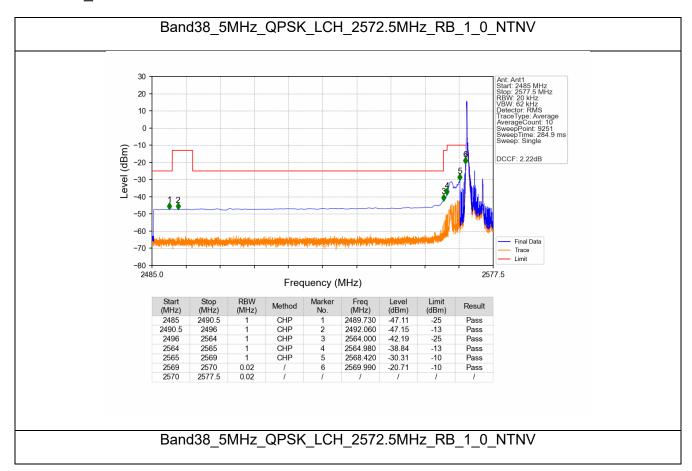
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5.2 Test Graph

5.2.1 B38_5MHz





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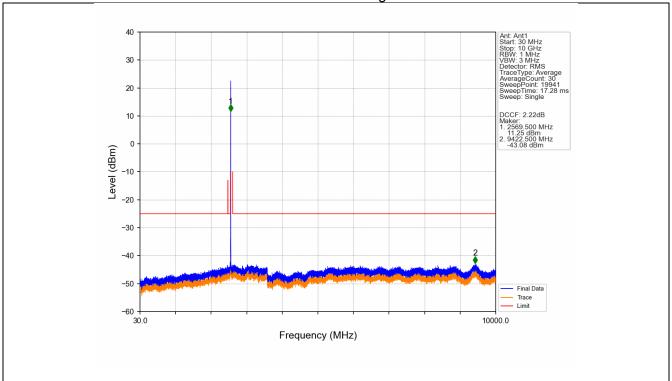
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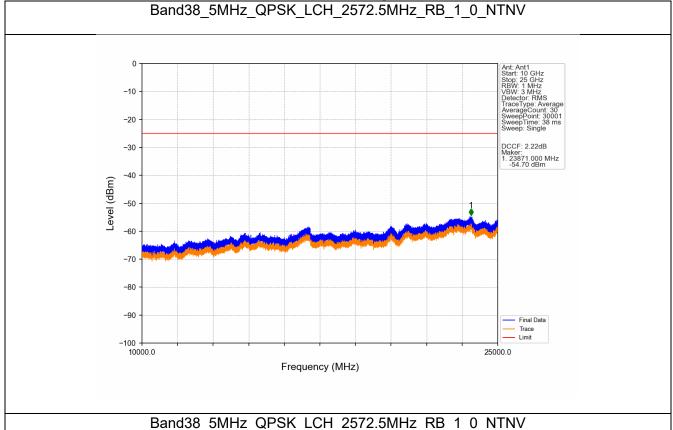
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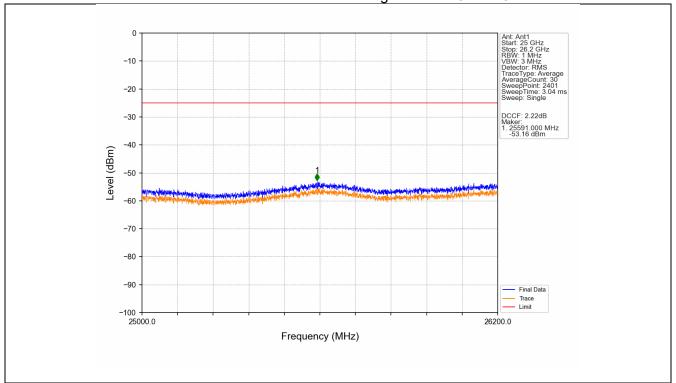
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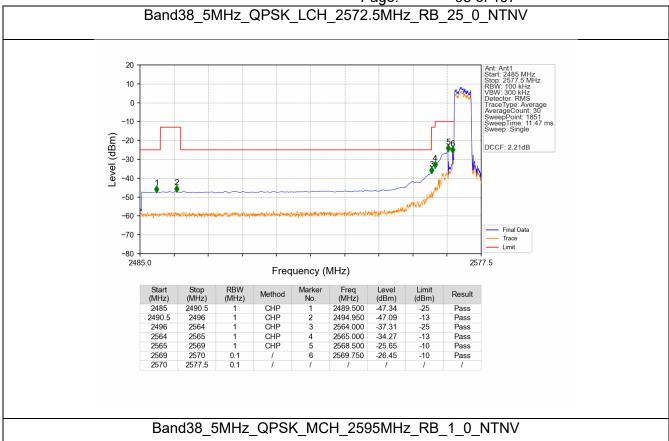
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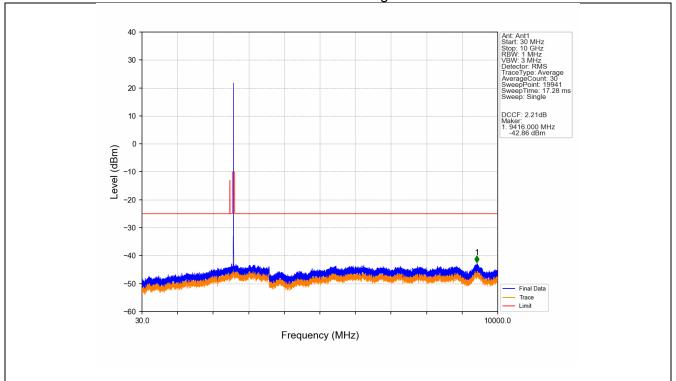
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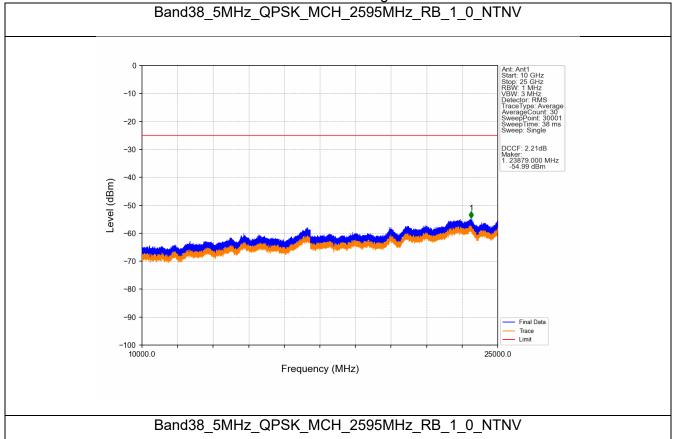
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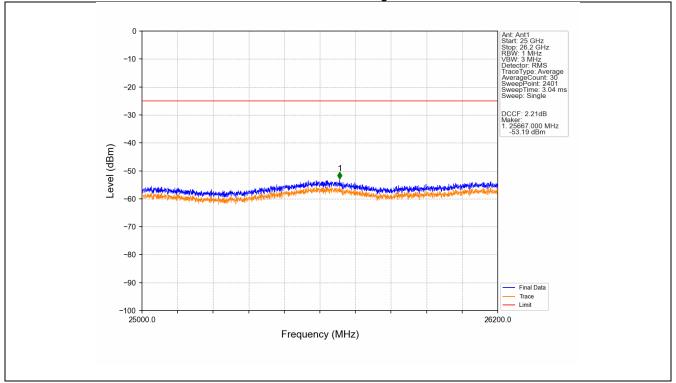
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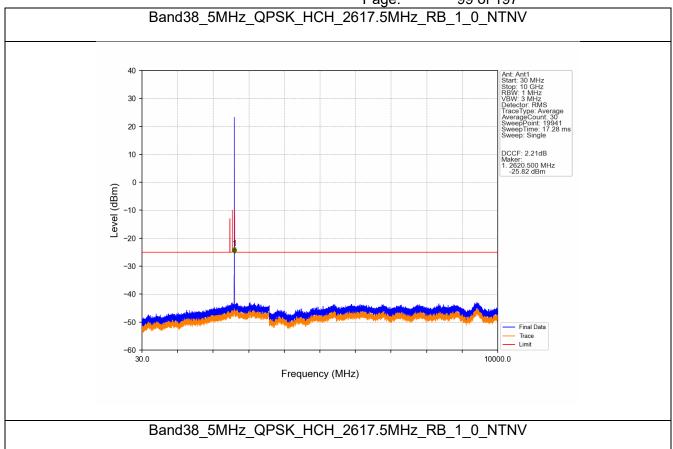
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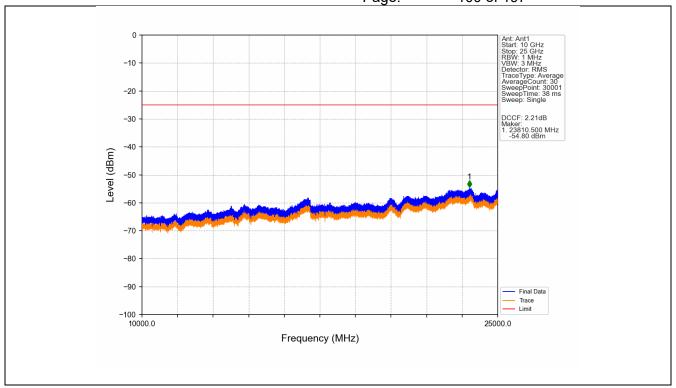
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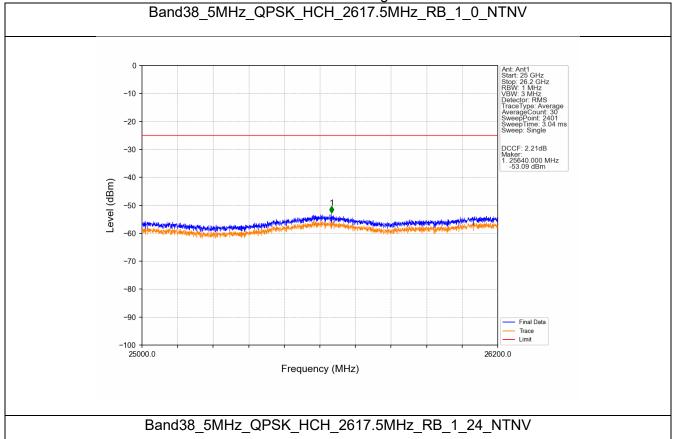
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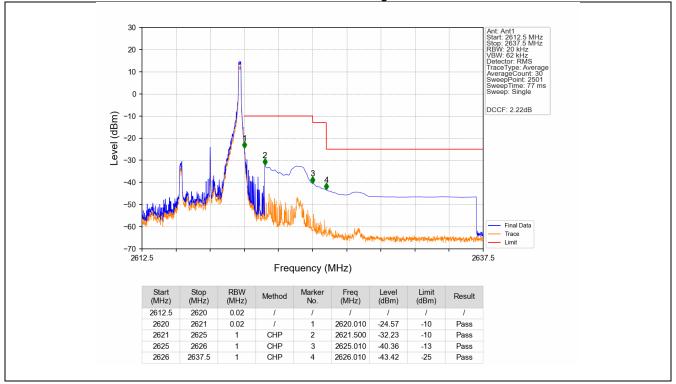
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Band38 5MHz QPSK HCH 2617.5MHz RB 25 0 NTNV 20 Ant: Ant1 Start: 2612.5 MHz Stop: 2637.5 MHz RBW: 100 kHz VBW: 300 kHz Detector: RMS TraceType: Average AverageCount: 30 10 0 -10 Level (dBm) -20 -30 -50 -60 Final Data -70 Trace - Limit -80 2637.5 Frequency (MHz) Start (MHz) Stop (MHz) RBW (MHz) Freq (MHz) Level (dBm) Limit (dBm) Method 2612.5 2620 0.1 2620 2621 0.1 2620.025 -33.13 -10 Pass 2621 2625 CHP 2621.675 -26.62 -10 Pass 2626 CHP 2625 2625.025 -35.61 -13 Pass 2637.5 CHP 2626.025 -40.21 -25 Pass 2626 Band38 5MHz 16QAM LCH 2572.5MHz RB 1 0 NTNV



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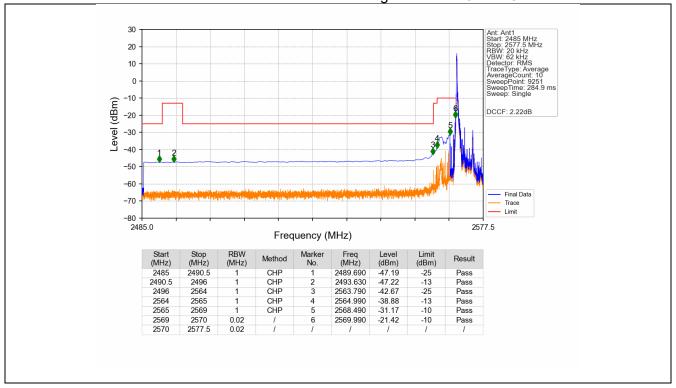
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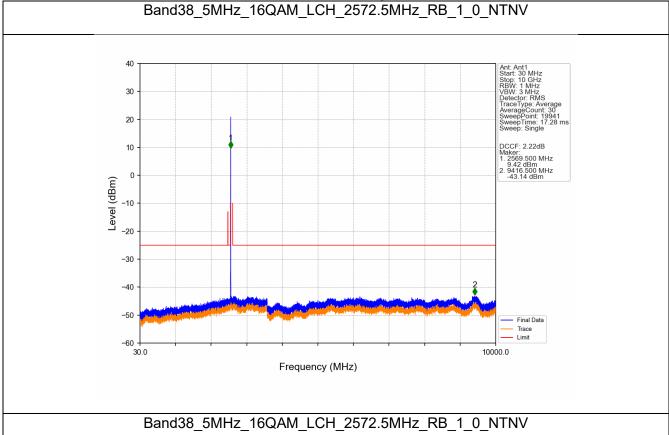
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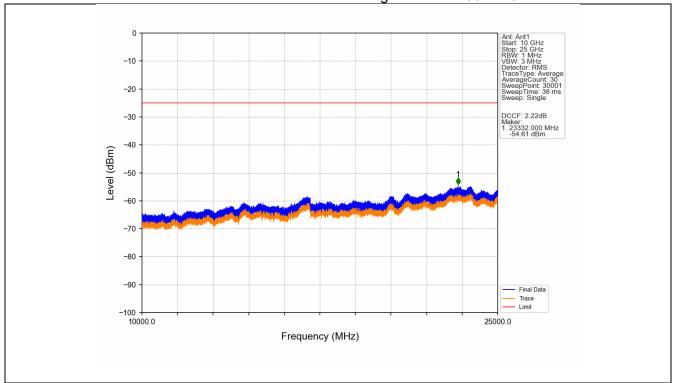
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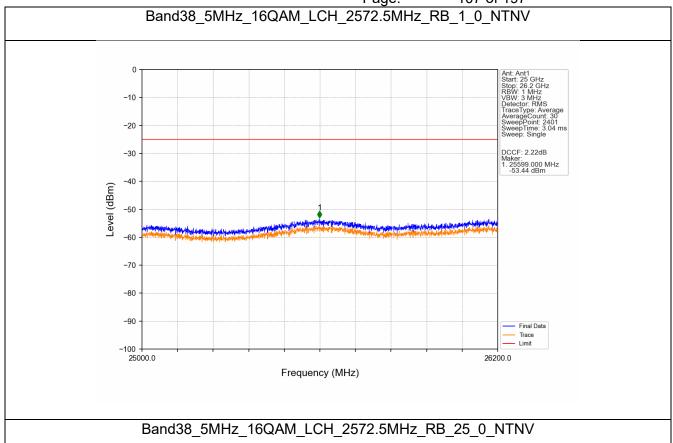
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