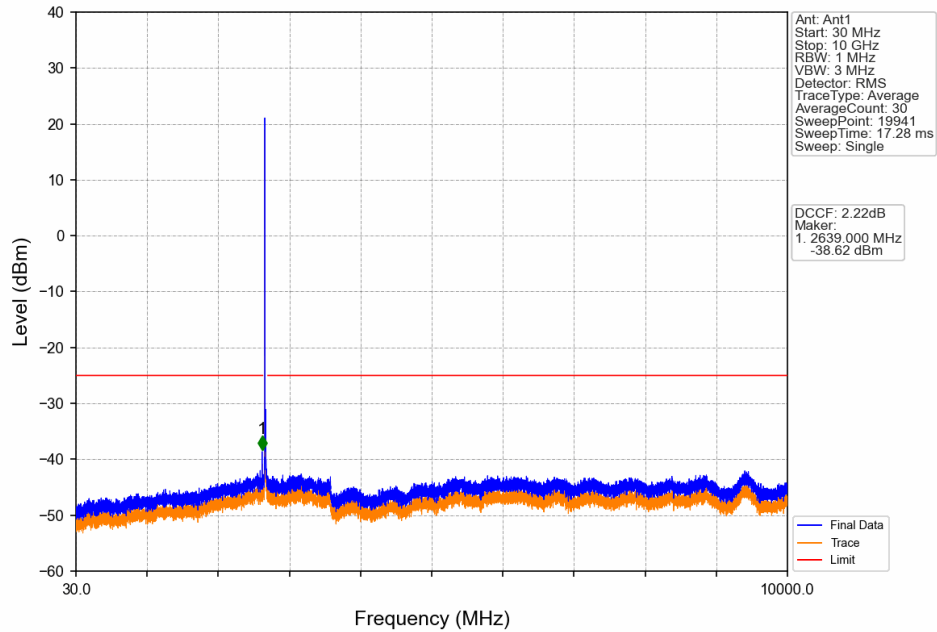


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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_0_NTNV



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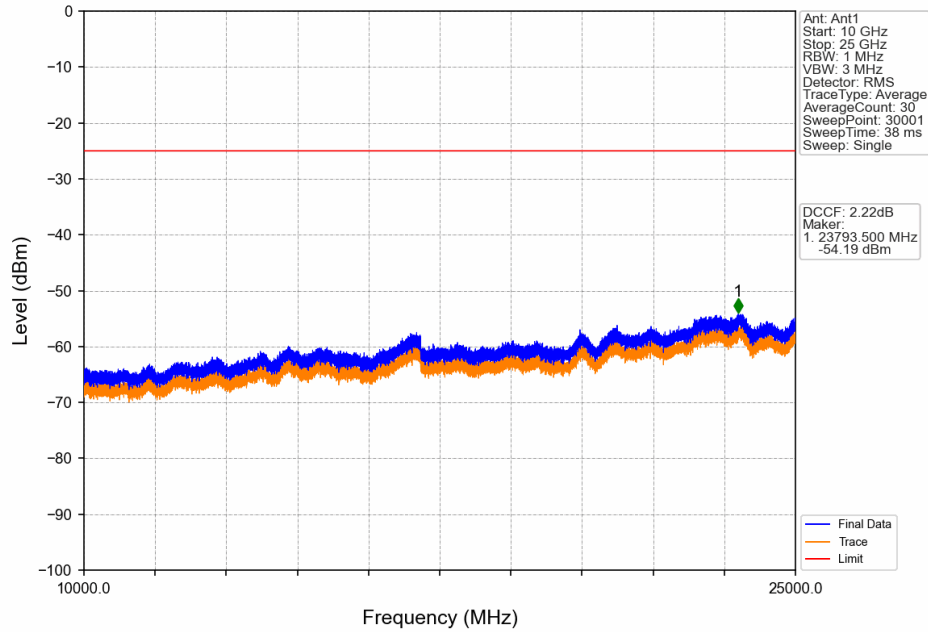
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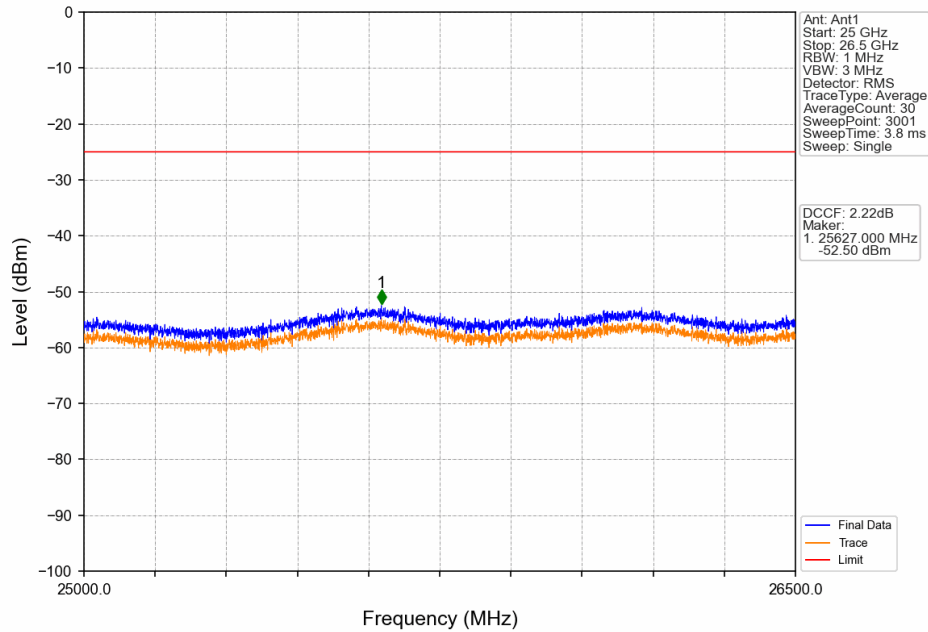
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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_1_74_NTNV



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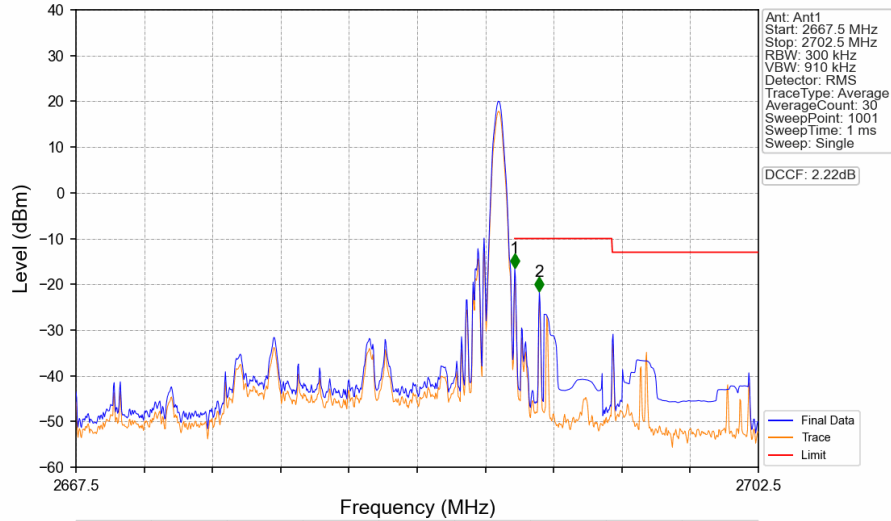
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.3	/	/	/	/	/	/
2690	2691	0.3	/	1	2690.005	-16.48	-10	Pass
2691	2702.5	1	CHP	2	2691.265	-21.58	-10	Pass



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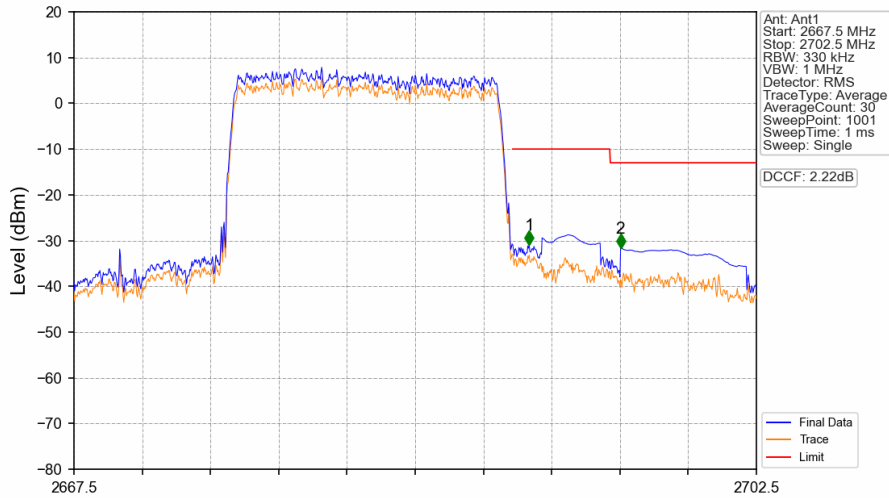
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Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2667.5	2690	0.33	/	/	/	/	/	/
2690	2691	0.33	/	1	2690.845	-30.95	-10	Pass
2691	2702.5	1	CHP	2	2695.535	-31.65	-13	Pass



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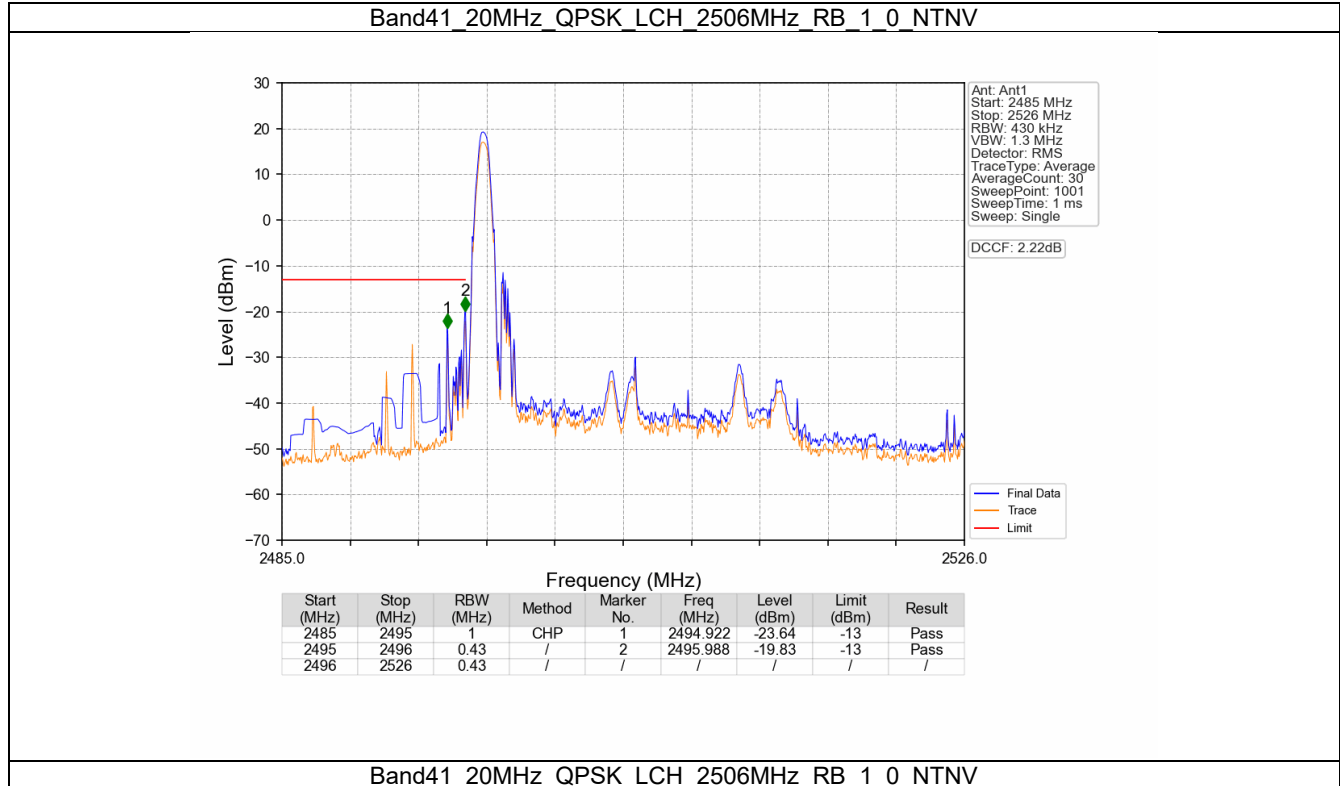
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5.4 B41_20MHz

5.4.2 Test Graph



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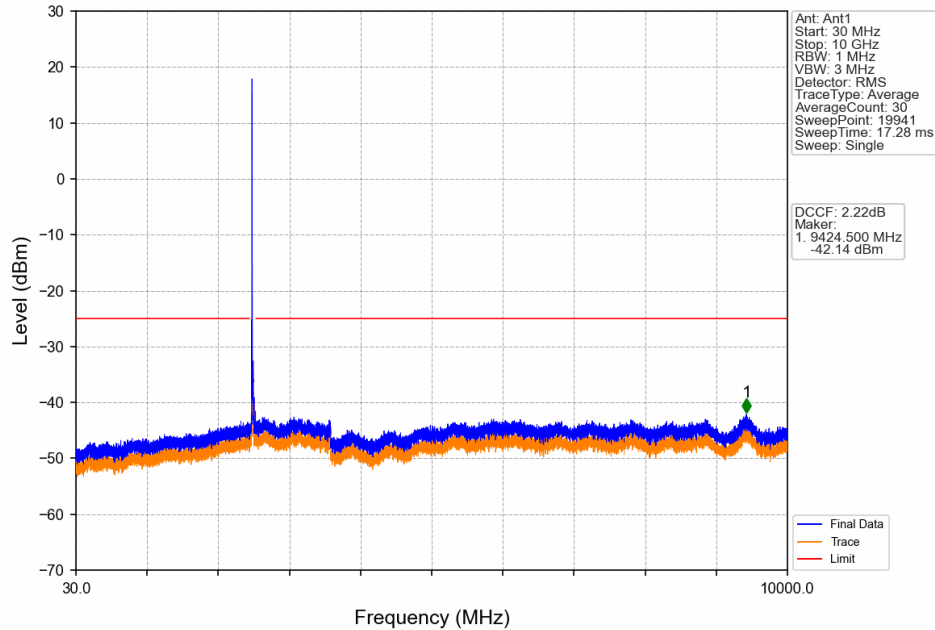
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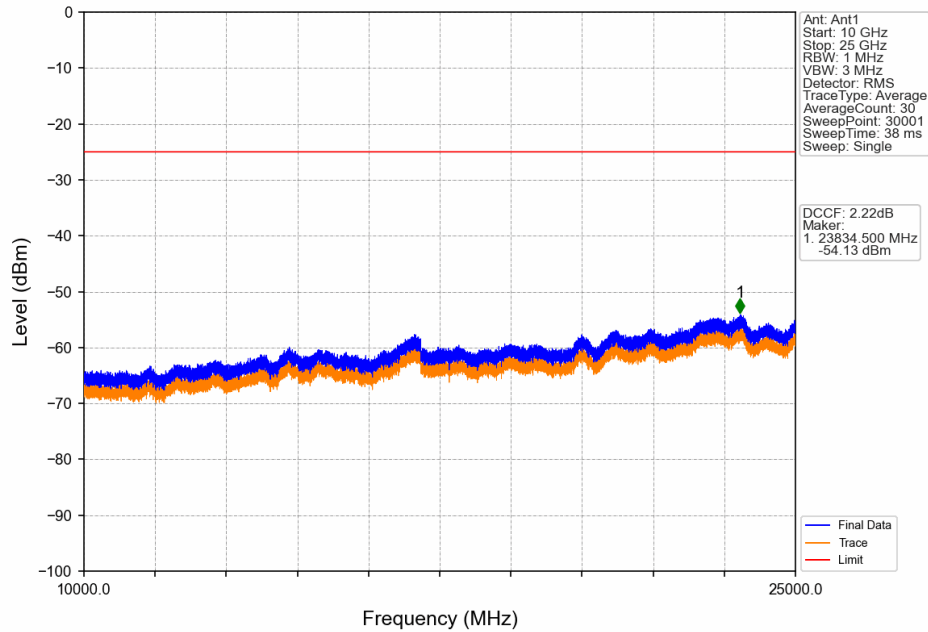
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Band41 20MHz QPSK LCH 2506MHz RB 1 0 NTNV



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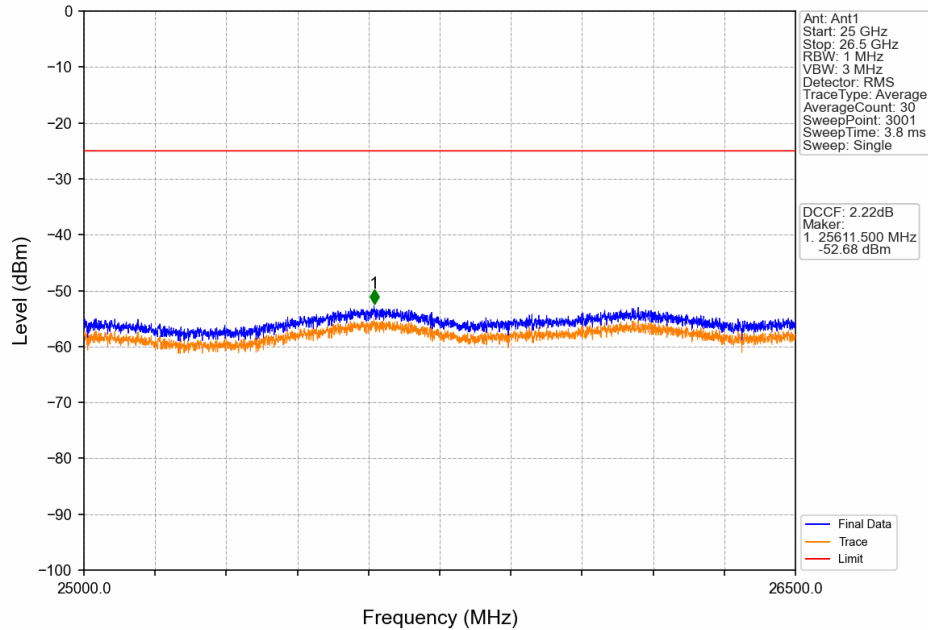
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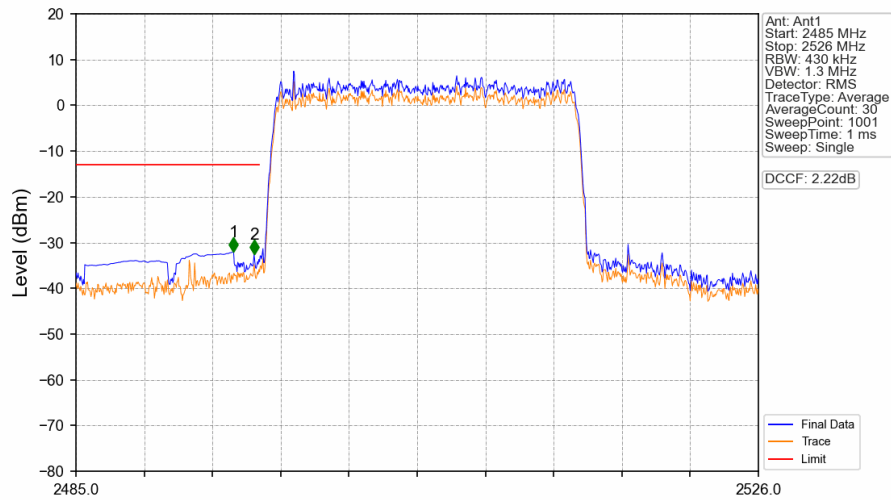
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Band41 20MHz QPSK LCH 2506MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2495	1	CHP	1	2494.471	-32.03	-13	Pass
2495	2496	0.43	/	2	2495.701	-32.61	-13	Pass
2496	2526	0.438	/	/	/	/	/	/

Band41 20MHz QPSK MCH 2593MHz RB 1 0 NTNV



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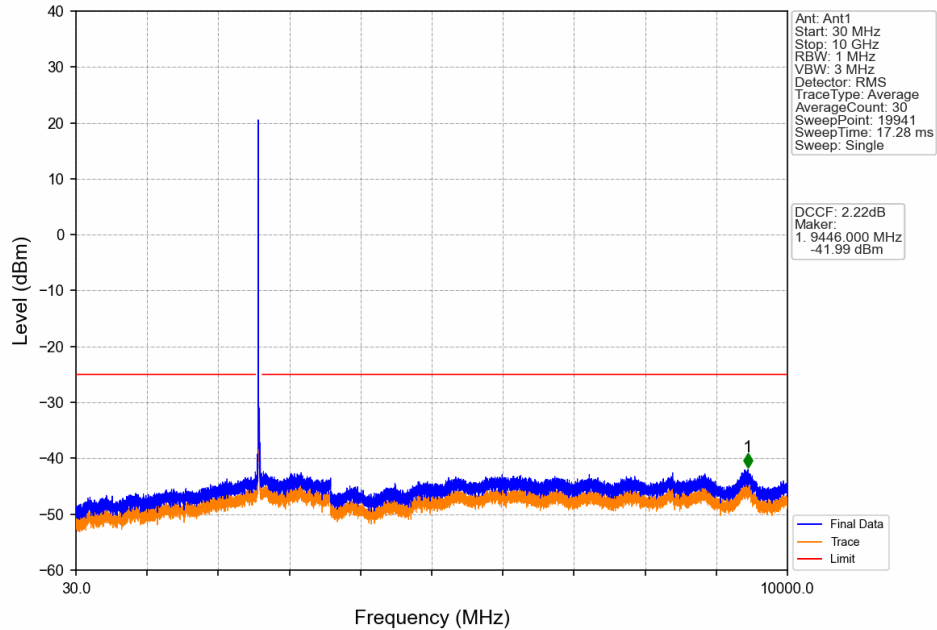
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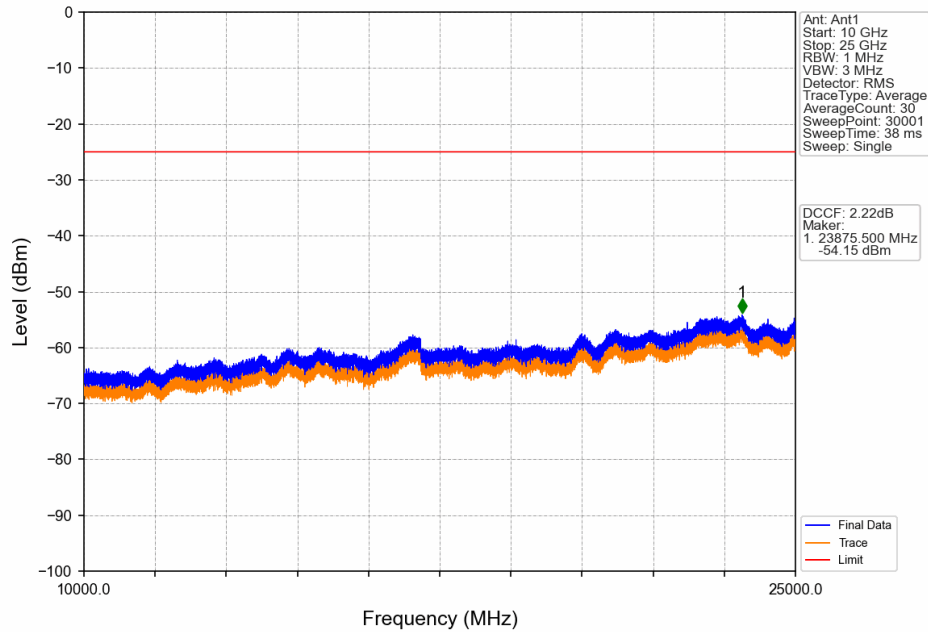
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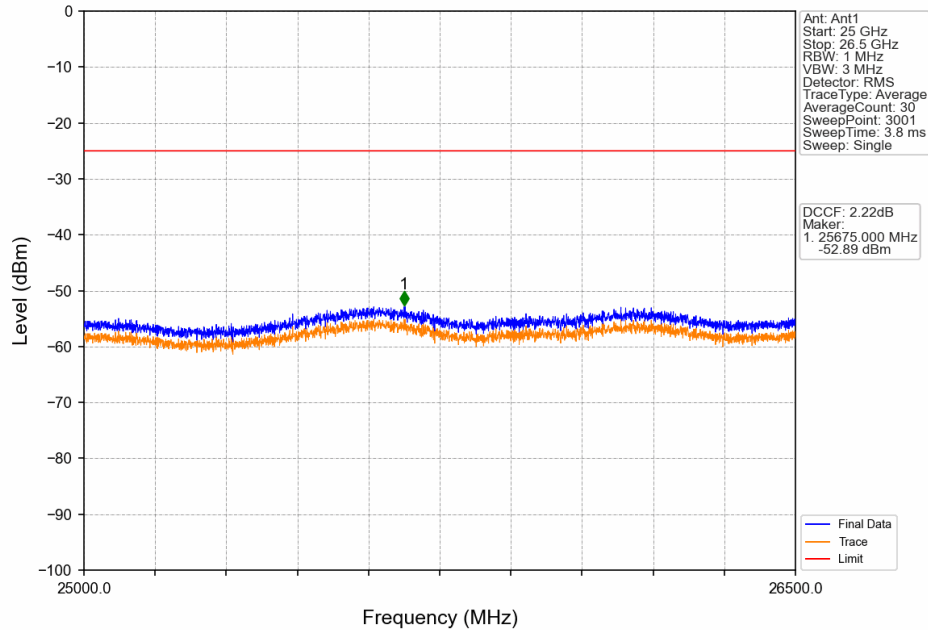
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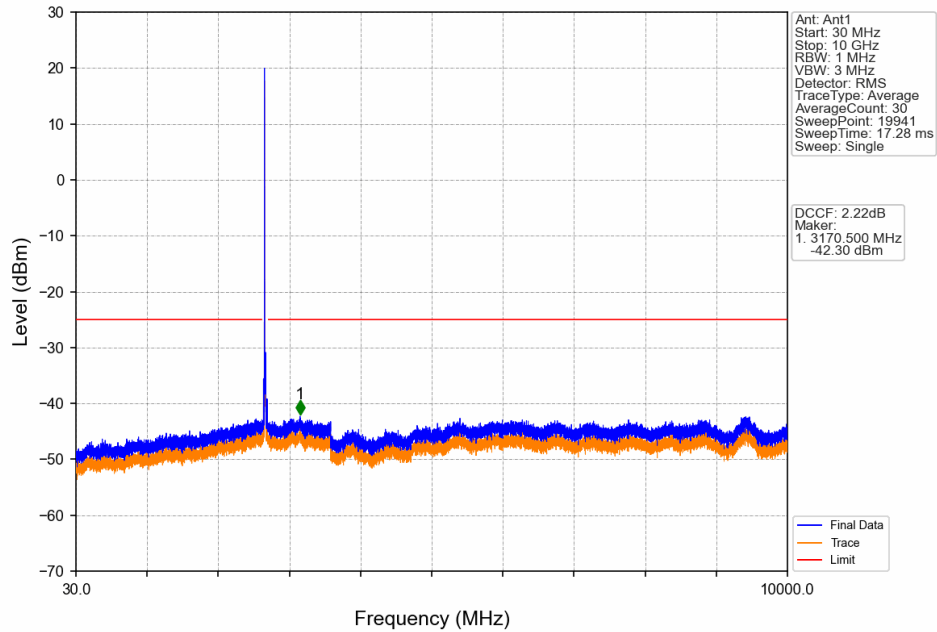
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Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



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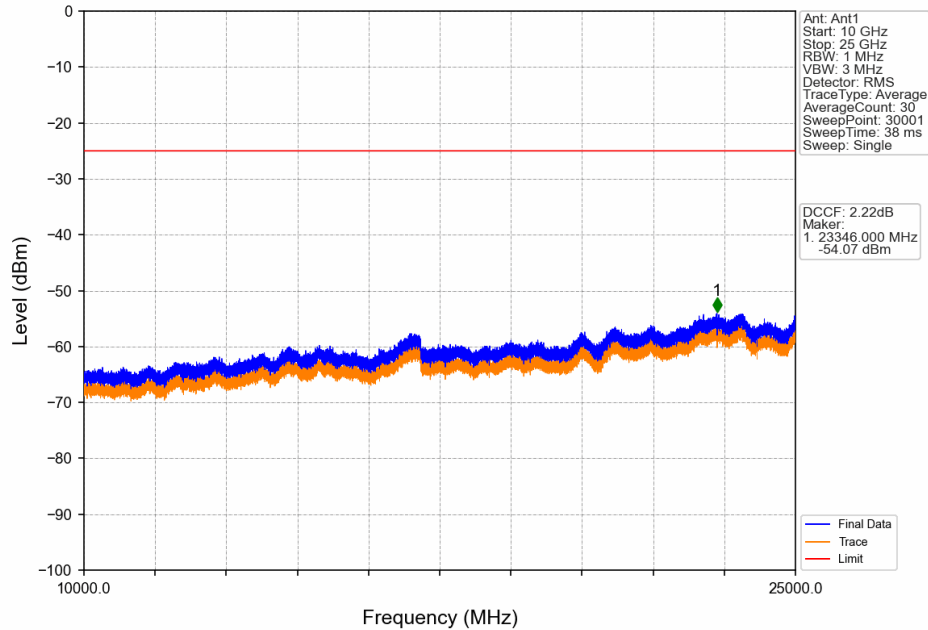
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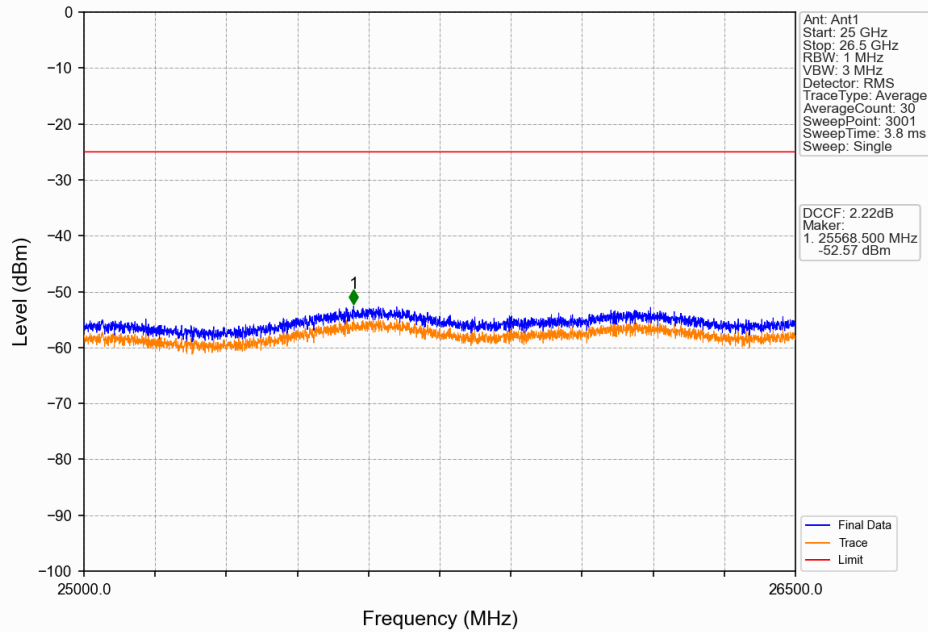
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Band41_20MHz_QPSK_HCH_2680MHz_RB_1_0_NTNV



Band41_20MHz_QPSK_HCH_2680MHz_RB_1_99_NTNV



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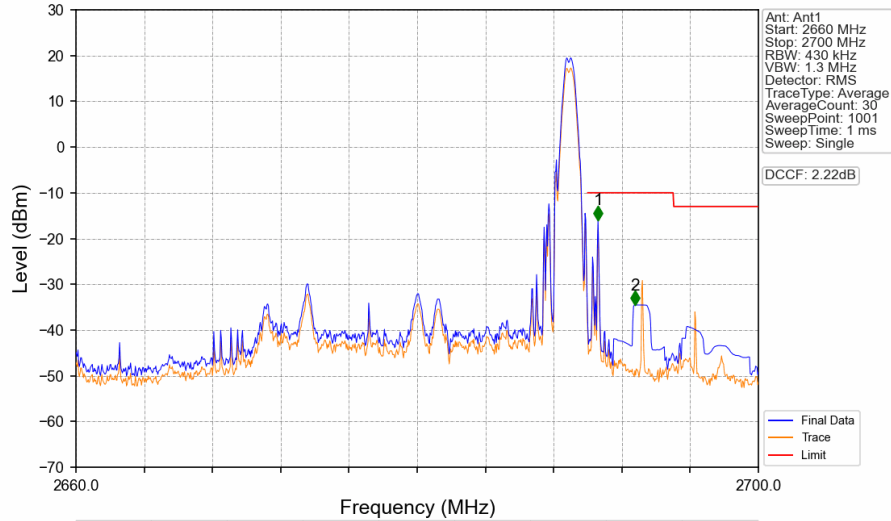
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Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.43	/	/	/	/	/	/
2690	2691	0.43	/	1	2690.600	-15.94	-10	Pass
2691	2700	1	CHP	2	2692.760	-34.54	-10	Pass



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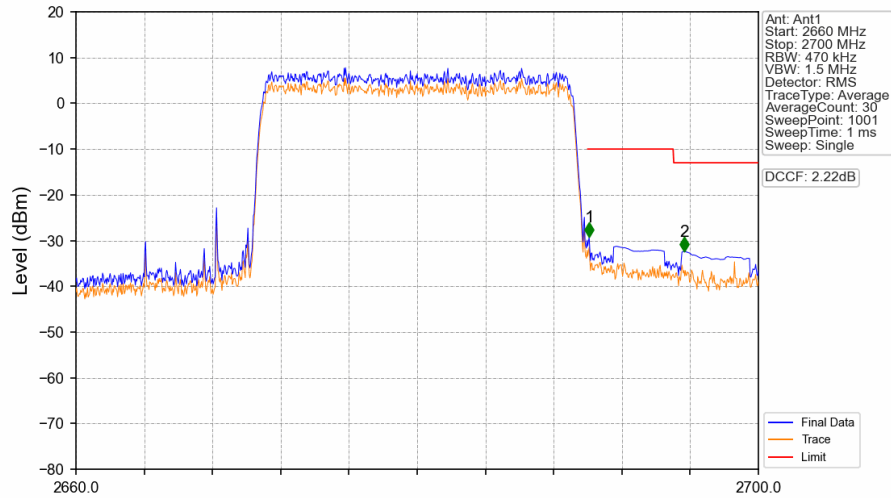
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Band41 20MHz_QPSK_HCH_2680MHz_RB 100_0 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2660	2690	0.47	/	/	/	/	/	/
2690	2691	0.47	/	1	2690.080	-29.23	-10	Pass
2691	2700	1	CHP	2	2695.640	-32.39	-13	Pass



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6. Field Strength of Spurious Radiation

Test Band = LTE_41
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4994.5	56.81	-46.94	33.11	-52.28	-25.00	27.28	Horizontal
2	7491	65.79	-43.24	36.62	-36.09	-25.00	11.09	Horizontal
3	9105	50.62	-42.41	38.72	-48.33	-25.00	23.33	Horizontal
4	11858.5	48.20	-38.56	39.67	-45.95	-25.00	20.95	Horizontal
5	14244.5	47.84	-39.75	40.76	-46.41	-25.00	21.41	Horizontal
6	17979	49.31	-43.68	42.67	-46.96	-25.00	21.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	5100.5	53.45	-47.21	33.50	-55.52	-25.00	30.52	Vertical
2	7491	57.59	-43.24	36.62	-44.29	-25.00	19.29	Vertical
3	9083.5	50.28	-42.25	38.70	-48.53	-25.00	23.53	Vertical
4	12247.5	47.64	-37.96	39.60	-45.98	-25.00	20.98	Vertical
5	14252	47.99	-39.74	40.75	-46.26	-25.00	21.26	Vertical
6	17975.5	49.37	-43.60	42.65	-46.84	-25.00	21.84	Vertical



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Test Band = LTE_41
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4248	54.07	-48.50	32.08	-57.61	-25.00	32.61	Horizontal
2	5168	56.41	-46.81	33.13	-52.53	-25.00	27.53	Horizontal
3	7752.5	61.82	-43.50	36.82	-40.12	-25.00	15.12	Horizontal
4	11909.5	47.73	-37.86	39.49	-45.90	-25.00	20.90	Horizontal
5	14227.5	48.64	-39.79	40.77	-45.64	-25.00	20.64	Horizontal
6	17916.5	48.77	-42.98	42.30	-47.17	-25.00	22.17	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4383.5	53.71	-48.55	32.10	-58.00	-25.00	33.00	Vertical
2	5899	52.45	-45.60	34.30	-54.11	-25.00	29.11	Vertical
3	7752.5	55.34	-43.50	36.82	-46.60	-25.00	21.60	Vertical
4	12283.5	48.29	-37.89	39.67	-45.19	-25.00	20.19	Vertical
5	14271	48.08	-39.73	40.73	-46.18	-25.00	21.18	Vertical
6	17981	49.34	-43.73	42.69	-46.96	-25.00	21.96	Vertical



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Test Band = LTE_41
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3658.5	55.01	-49.29	30.38	-59.16	-25.00	34.16	Horizontal
2	5342.5	57.33	-46.22	33.20	-50.95	-25.00	25.95	Horizontal
3	8013.5	55.18	-43.34	37.45	-45.97	-25.00	20.97	Horizontal
4	11884	47.91	-38.04	39.56	-45.83	-25.00	20.83	Horizontal
5	14277.5	48.65	-39.73	40.72	-45.62	-25.00	20.62	Horizontal
6	17914	48.85	-42.98	42.28	-47.11	-25.00	22.11	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3608.5	55.30	-49.56	30.23	-59.29	-25.00	34.29	Vertical
2	5342	54.30	-46.23	33.20	-53.99	-25.00	28.99	Vertical
3	7116.5	51.33	-43.89	36.97	-50.85	-25.00	25.85	Vertical
4	9008	50.22	-41.69	38.78	-47.95	-25.00	22.95	Vertical
5	12313	47.68	-37.97	39.69	-45.86	-25.00	20.86	Vertical
6	17900	49.02	-42.98	42.20	-47.02	-25.00	22.02	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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