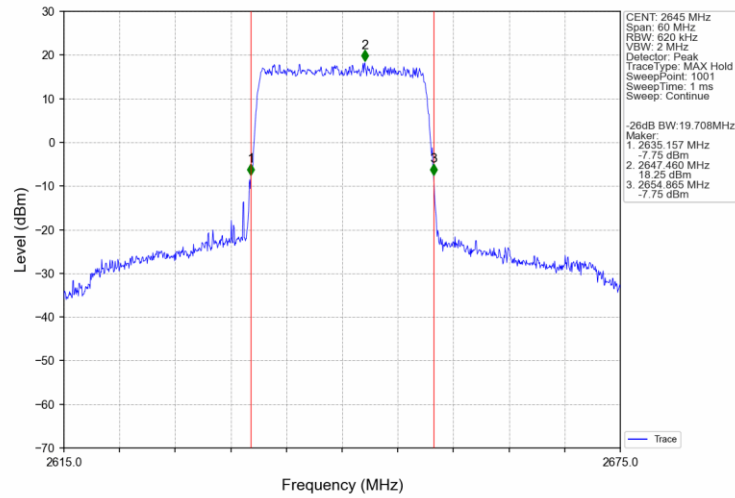
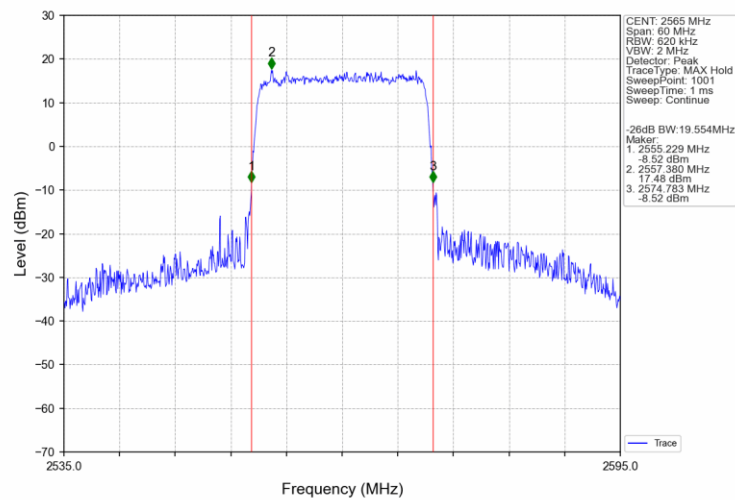


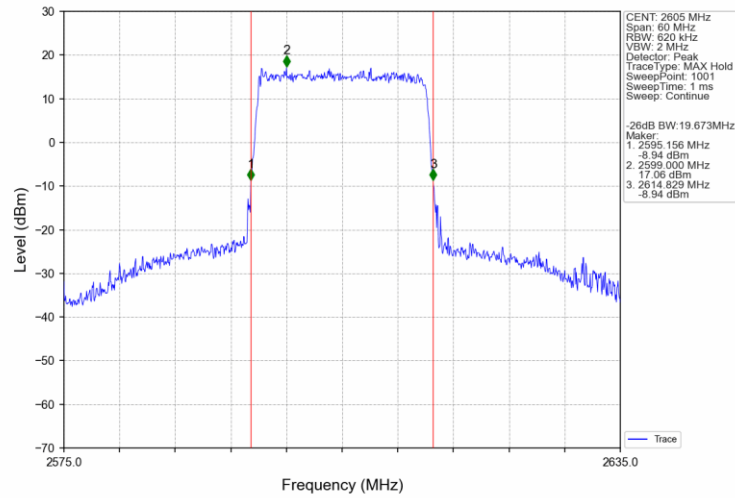
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



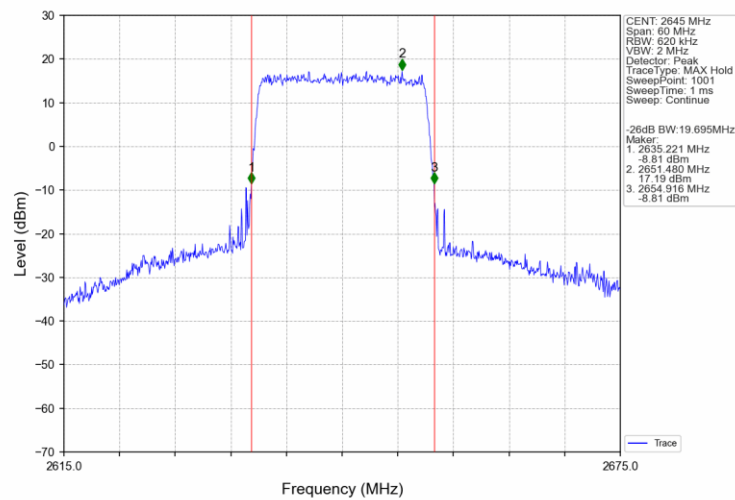
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	25	0	7.72	<=13	Pass
	2605	25	0	7.79	<=13	Pass
	2652.5	25	0	7.72	<=13	Pass
16QAM	2557.5	25	0	8.42	<=13	Pass
	2605	25	0	8.42	<=13	Pass
	2652.5	25	0	8.45	<=13	Pass

5.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	50	0	7.66	<=13	Pass
	2605	50	0	7.71	<=13	Pass
	2650	50	0	7.61	<=13	Pass
16QAM	2560	50	0	8.10	<=13	Pass
	2605	50	0	8.59	<=13	Pass
	2650	50	0	8.48	<=13	Pass

5.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	75	0	7.72	<=13	Pass
	2605	75	0	8.41	<=13	Pass
	2647.5	75	0	8.01	<=13	Pass
16QAM	2562.5	75	0	8.55	<=13	Pass
	2605	75	0	8.40	<=13	Pass
	2647.5	75	0	8.31	<=13	Pass

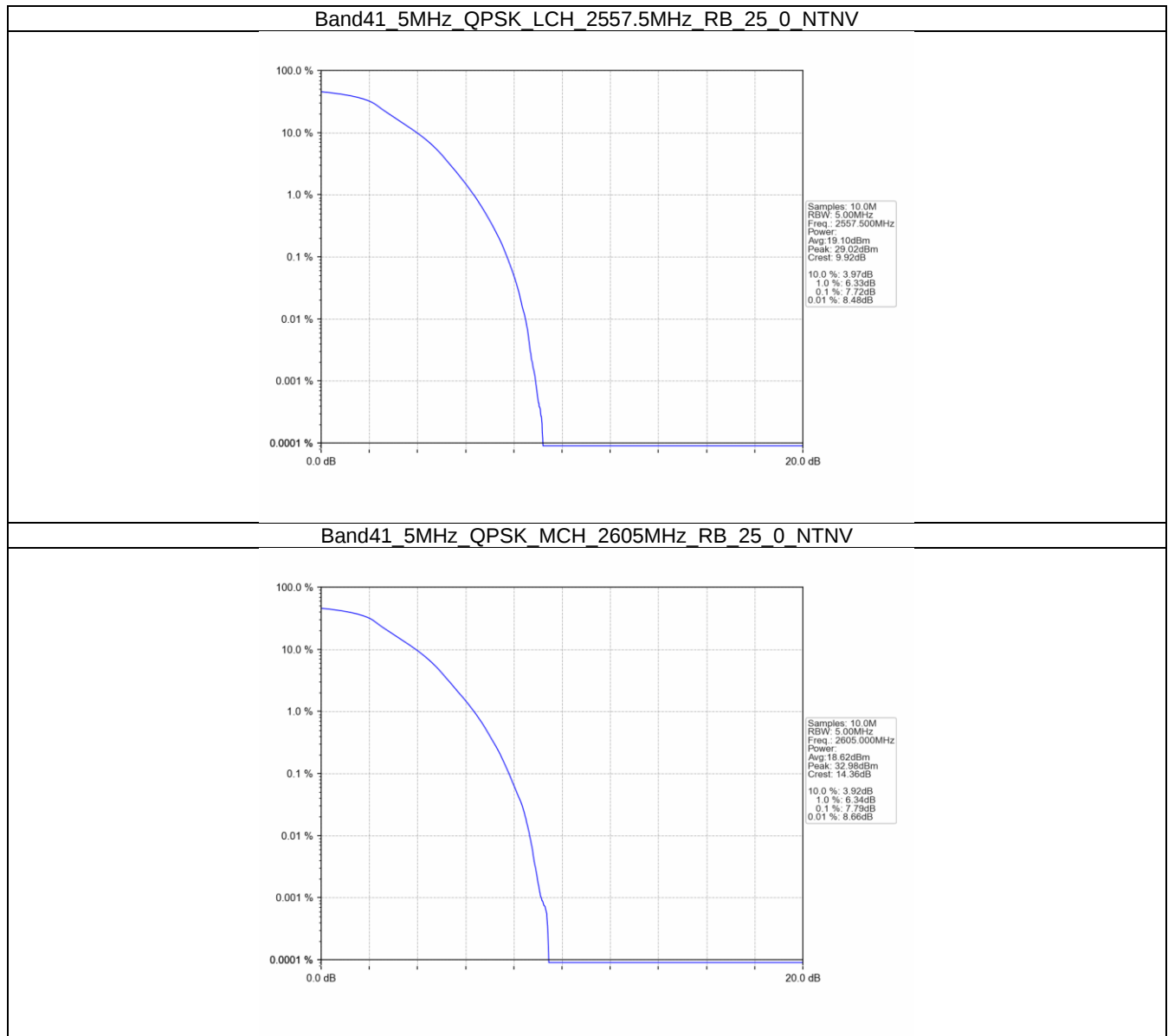
5.1.4 B41_20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2565	100	0	7.45	<=13	Pass
	2605	100	0	7.68	<=13	Pass
	2645	100	0	7.74	<=13	Pass
16QAM	2565	100	0	8.33	<=13	Pass
	2605	100	0	8.32	<=13	Pass
	2645	100	0	8.43	<=13	Pass

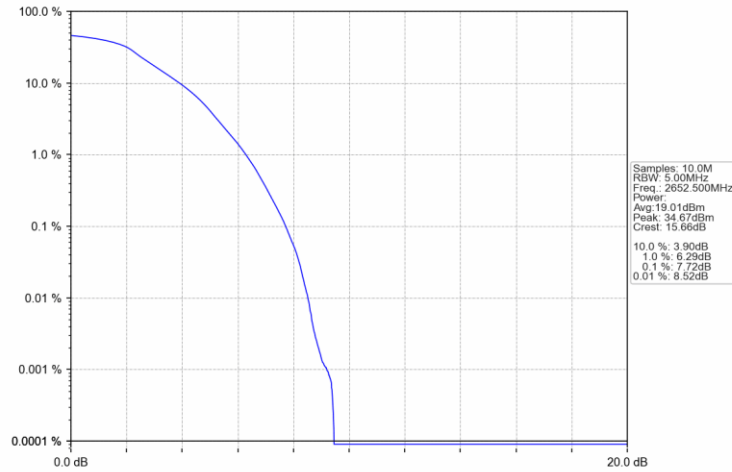


5.2 Test Graph

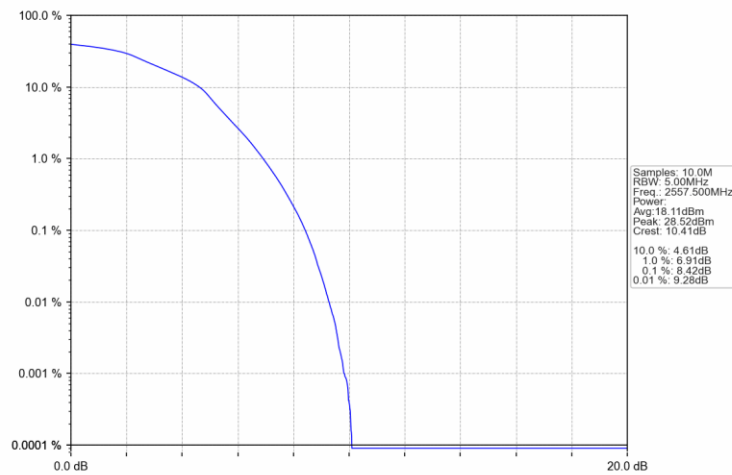
5.2.1 B41_5MHz



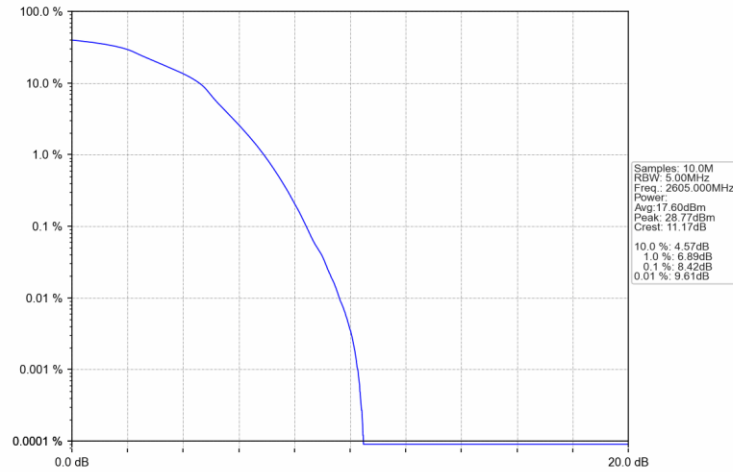
Band41 5MHz QPSK HCH 2652.5MHz RB 25 0 NTNV



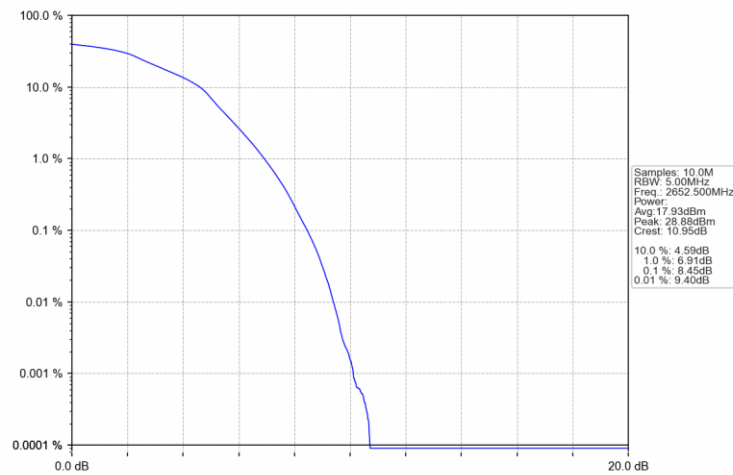
Band41 5MHz 16QAM LCH 2557.5MHz RB 25 0 NTNV



Band41_5MHz_16QAM_MCH_2605MHz_RB_25_0_NTNV

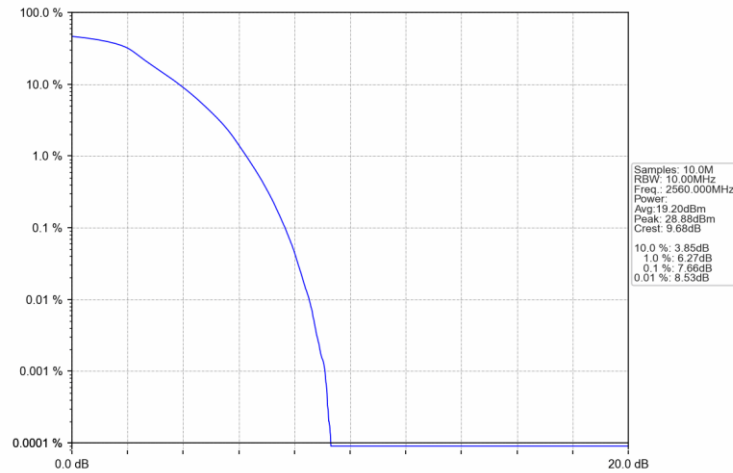


Band41_5MHz_16QAM_HCH_2652.5MHz_RB_25_0_NTNV

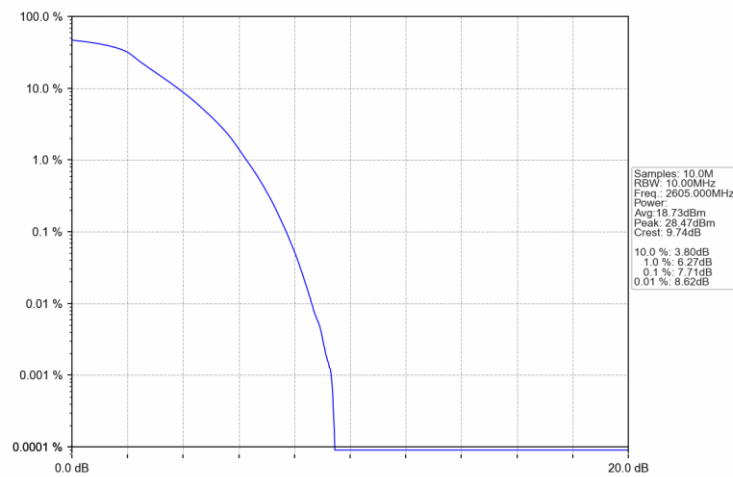


5.2.2 B41_10MHz

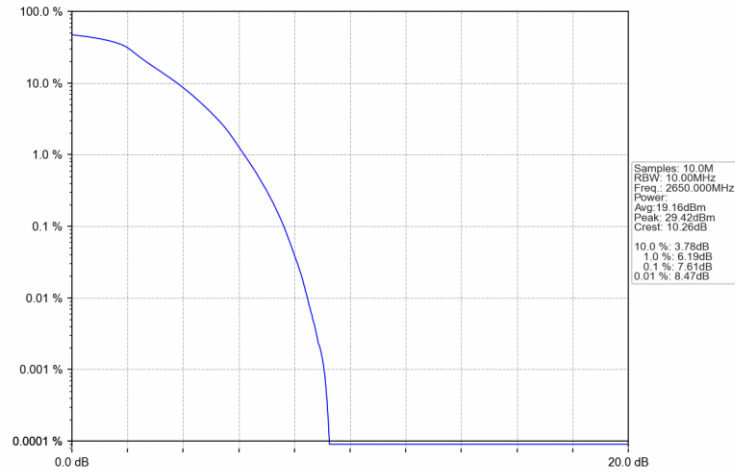
Band41_10MHz_QPSK_LCH_2560MHz_RB_50_0_NTNV



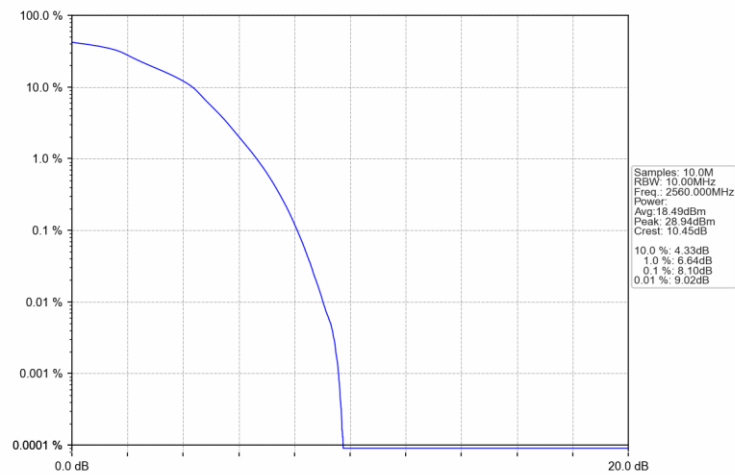
Band41_10MHz_QPSK_MCH_2605MHz_RB_50_0_NTNV



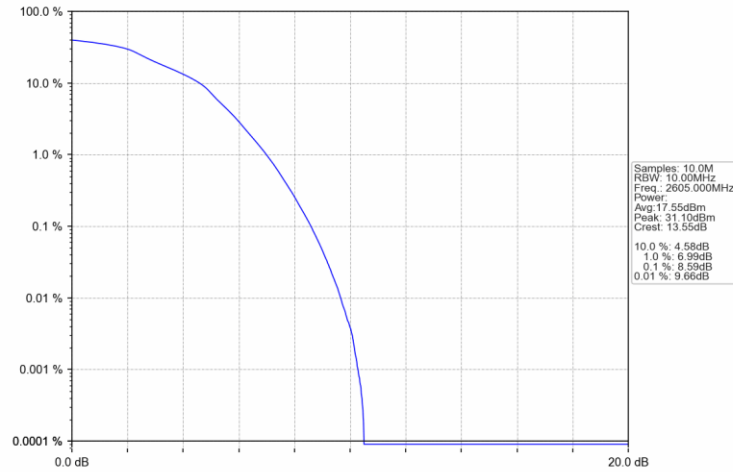
Band41 10MHz QPSK HCH 2650MHz RB 50 0 NTV



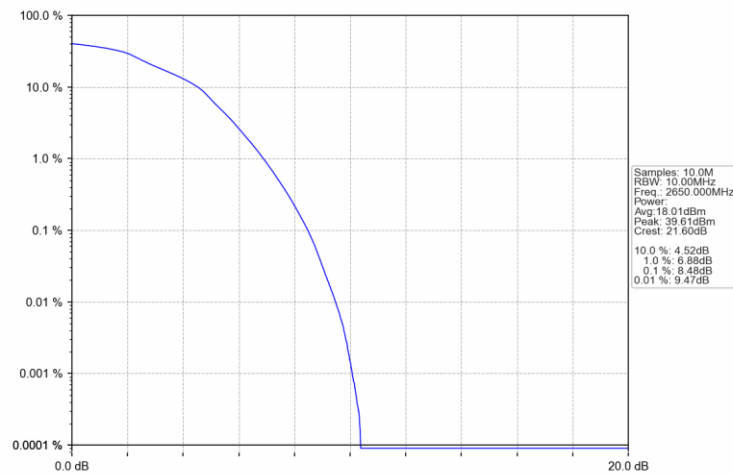
Band41 10MHz 16QAM LCH 2560MHz RB 50 0 NTV



Band41 10MHz 16QAM MCH 2605MHz RB 50 0 NTNV

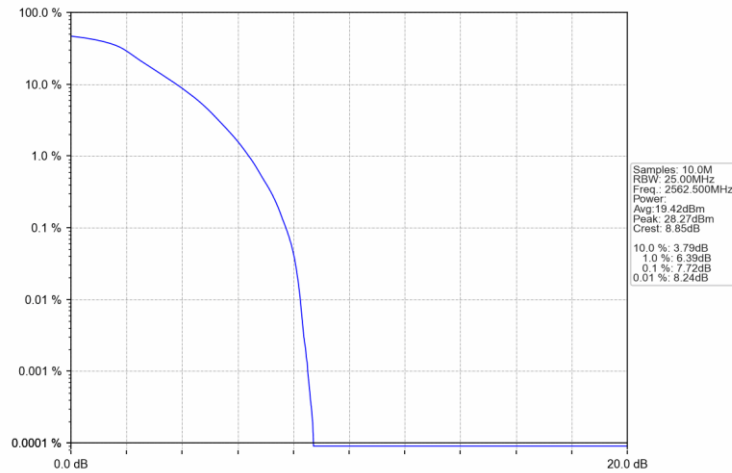


Band41 10MHz 16QAM HCH 2650MHz RB 50 0 NTNV

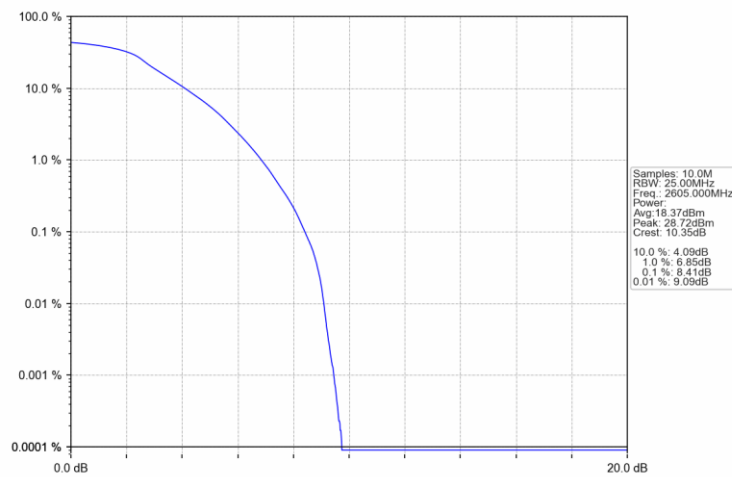


5.2.3 B41_15MHz

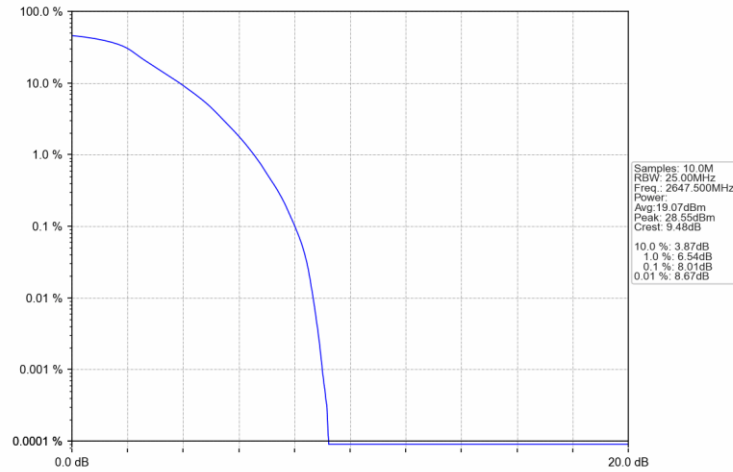
Band41_15MHz_QPSK_LCH_2562.5MHz_RB_75_0_NTNV



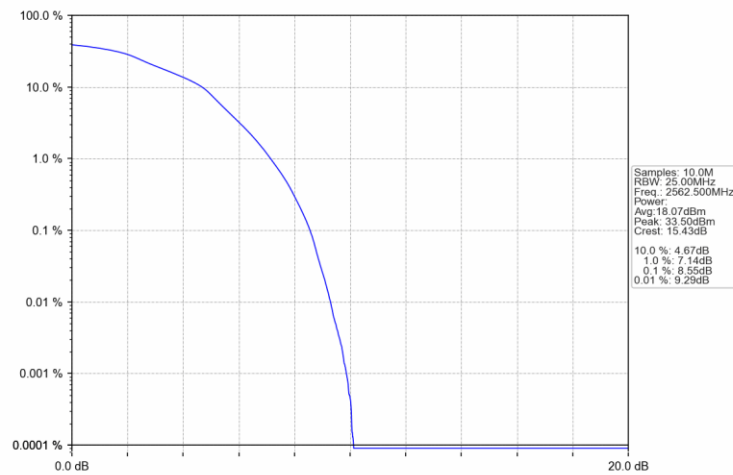
Band41_15MHz_QPSK_MCH_2605MHz_RB_75_0_NTNV



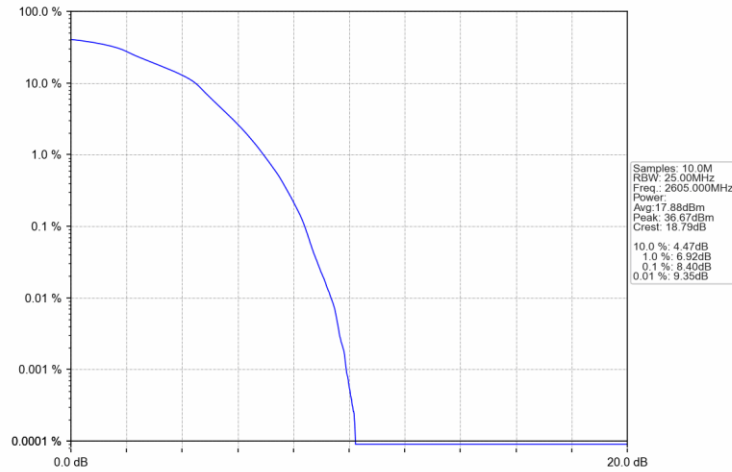
Band41_15MHz_QPSK_HCH_2647.5MHz_RB_75_0_NTNV



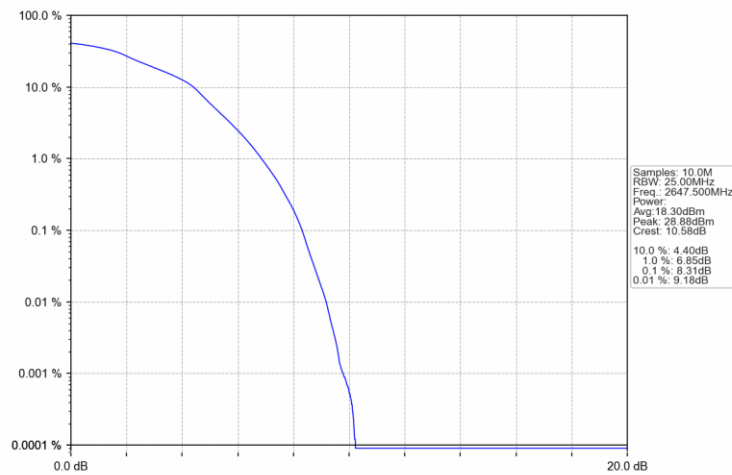
Band41_15MHz_16QAM_LCH_2562.5MHz_RB_75_0_NTNV



Band41_15MHz_16QAM_MCH_2605MHz_RB_75_0_NTNV

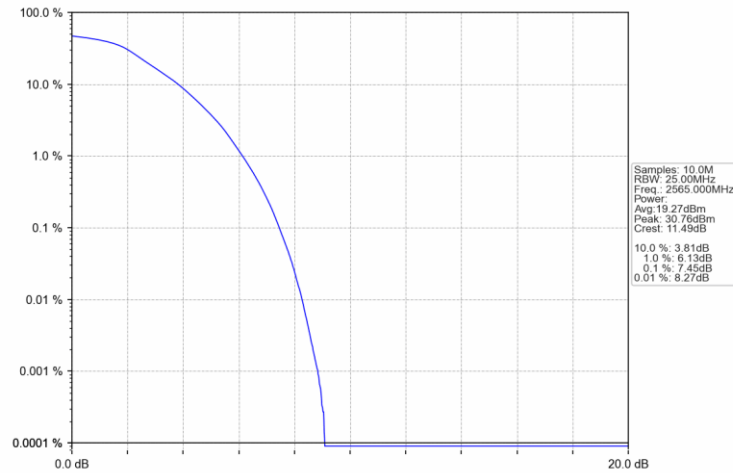


Band41_15MHz_16QAM_HCH_2647.5MHz_RB_75_0_NTNV

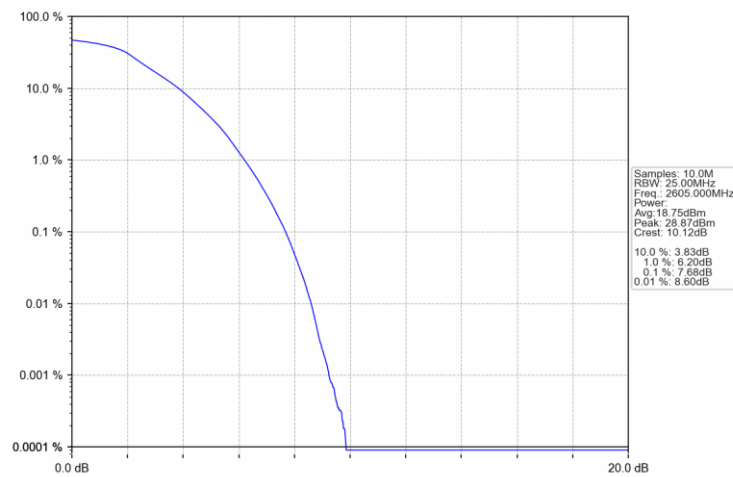


5.2.4 B41_20MHz

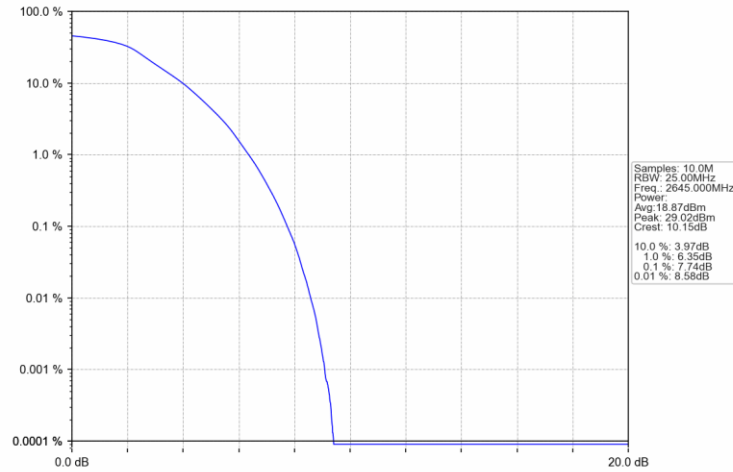
Band41_20MHz_QPSK_LCH_2565MHz_RB_100_0_NTNV



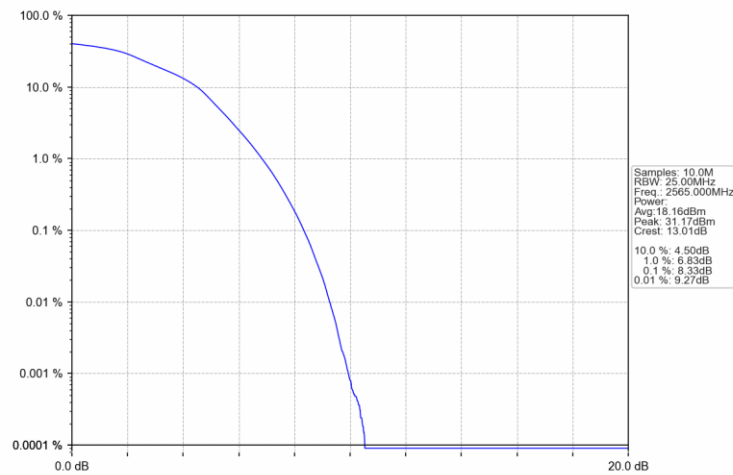
Band41_20MHz_QPSK_MCH_2605MHz_RB_100_0_NTNV



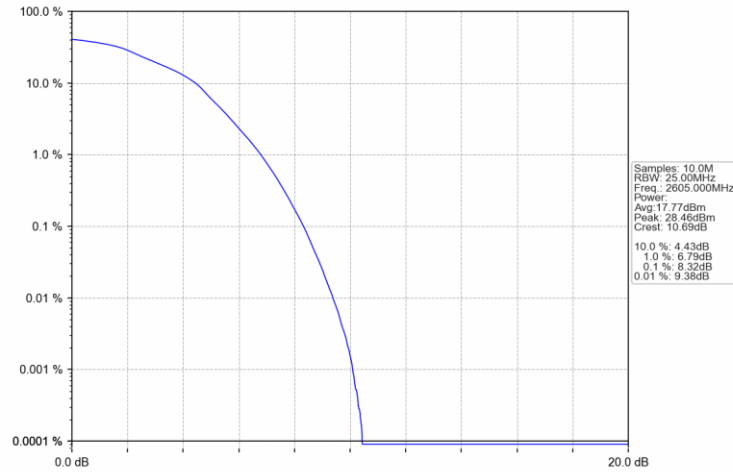
Band41_20MHz_QPSK_HCH_2645MHz_RB_100_0_NTNV



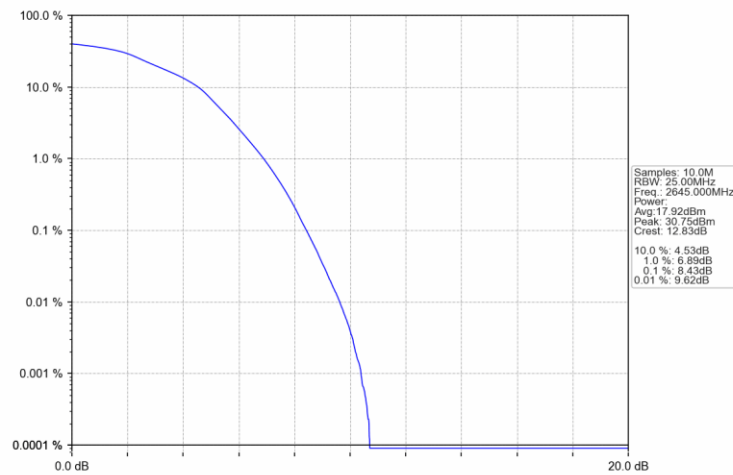
Band41_20MHz_16QAM_LCH_2565MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_MCH_2605MHz_RB_100_0_NTNV



Band41_20MHz_16QAM_HCH_2645MHz_RB_100_0_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B41_5MHz

Band: 41 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	2557.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2652.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.2 B41_10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2560	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2650	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B41_15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2562.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2605	1	0	Refer To Test Graph		Pass
	2647.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2562.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

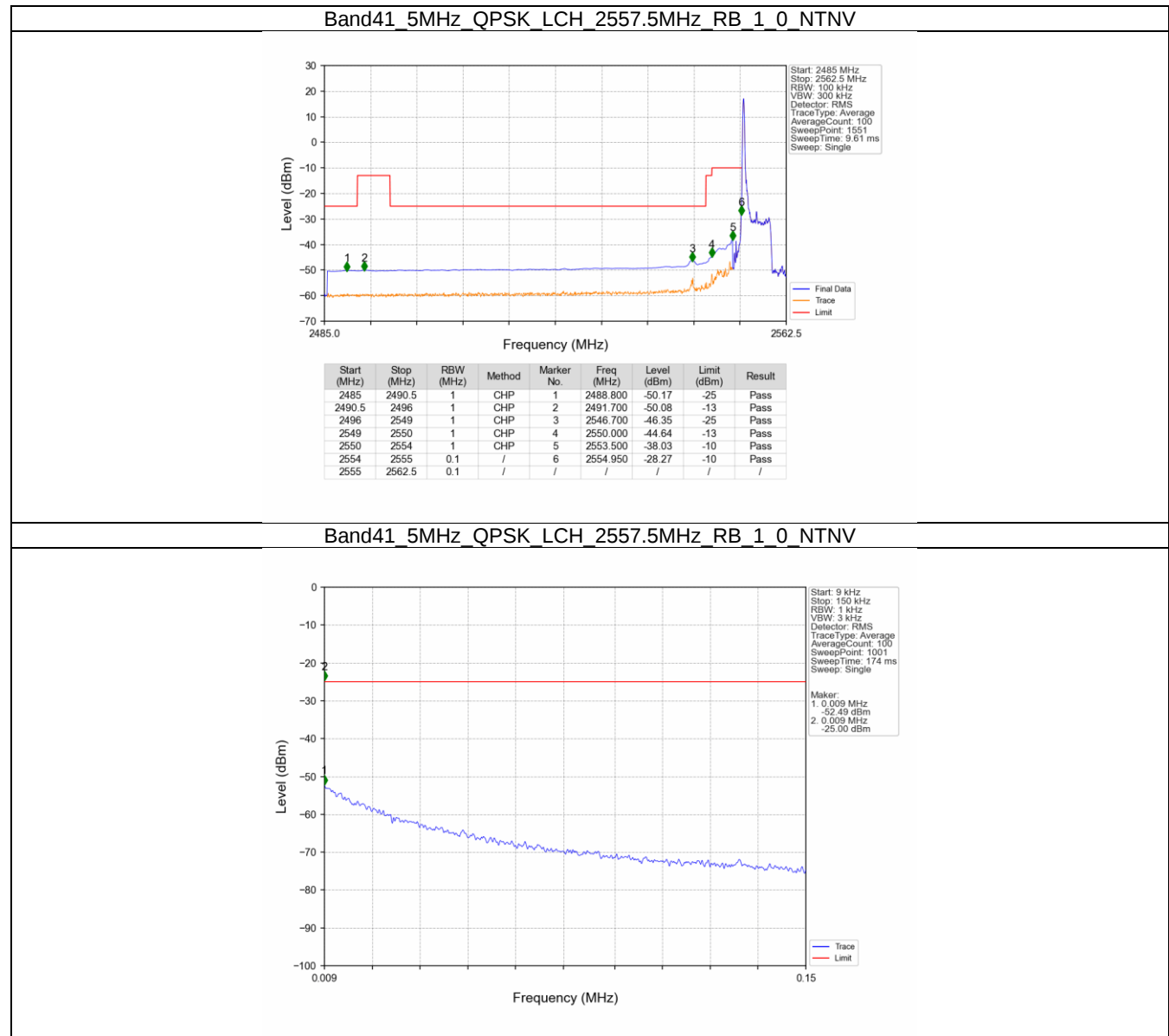
	2605	1	0	Refer To Test Graph	Pass
	2647.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

6.1.4 B41_20MHz

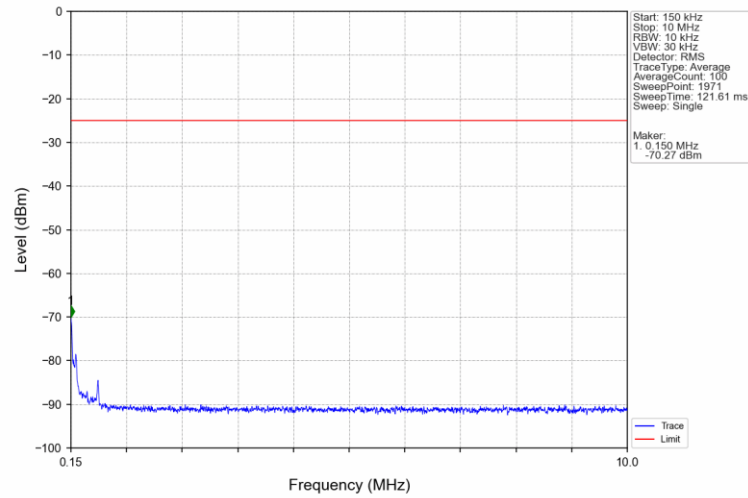
Band: 41 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2565	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2645	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
16QAM	2565	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	2605	1	0	Refer To Test Graph	Pass
	2645	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

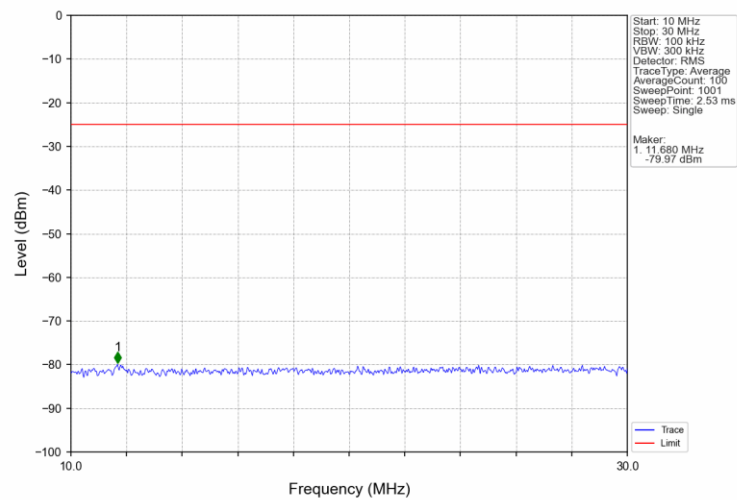
6.2.1 B41_5MHz



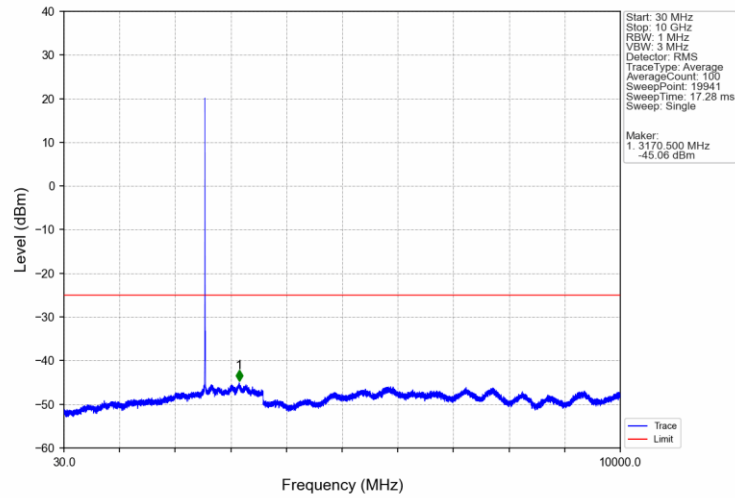
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



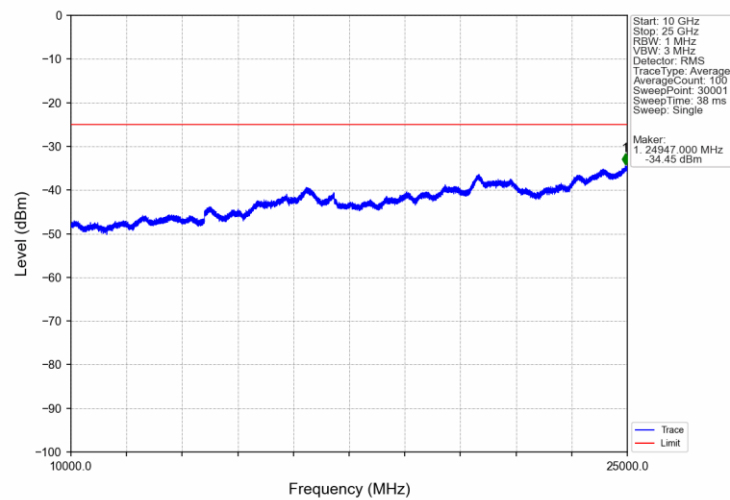
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



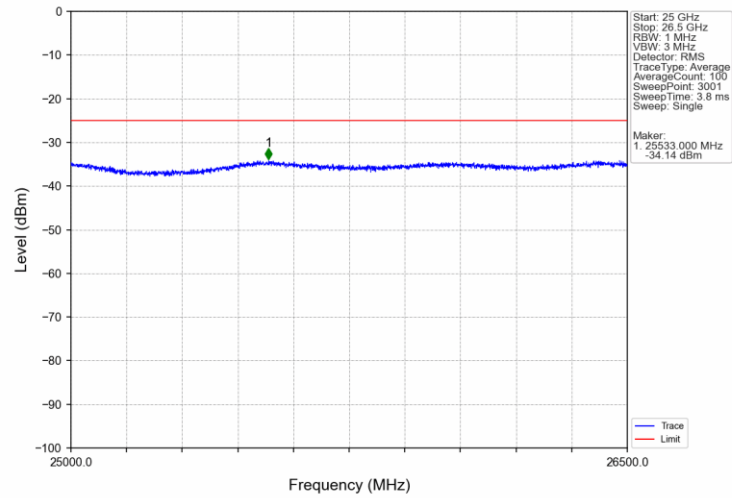
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



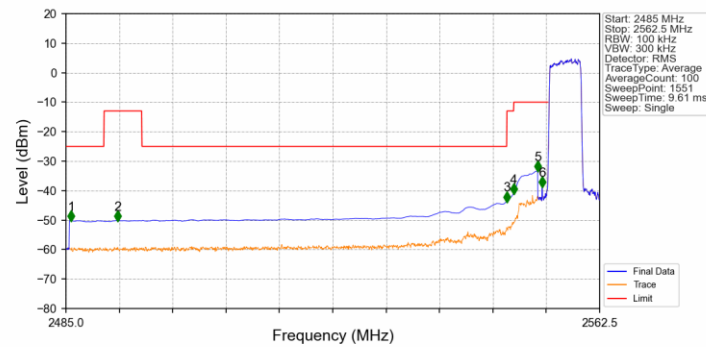
Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV



Band41_5MHz_QPSK_LCH_2557.5MHz_RB_1_0_NTNV

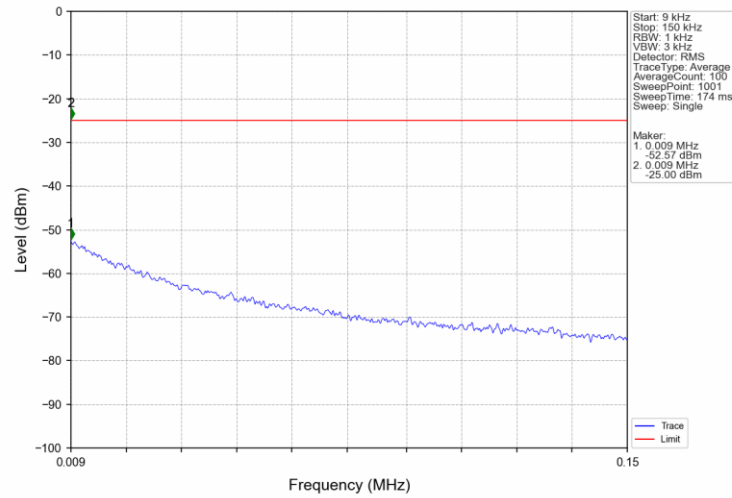


Band41_5MHz_QPSK_LCH_2557.5MHz_RB_25_0_NTNV

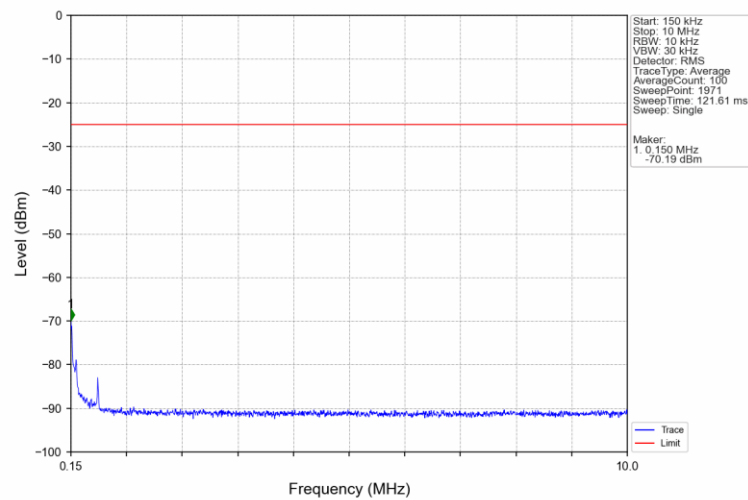


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2485.750	-50.20	-25	Pass
2490.5	2496	1	CHP	2	2492.500	-50.18	-13	Pass
2496	2549	1	CHP	3	2549.000	-43.66	-25	Pass
2549	2550	1	CHP	4	2550.000	-41.01	-13	Pass
2550	2554	1	CHP	5	2553.500	-33.25	-10	Pass
2554	2555	0.1	/	6	2554.150	-38.68	-10	Pass
2555	2562.5	0.1	/	/	/	/	/	/

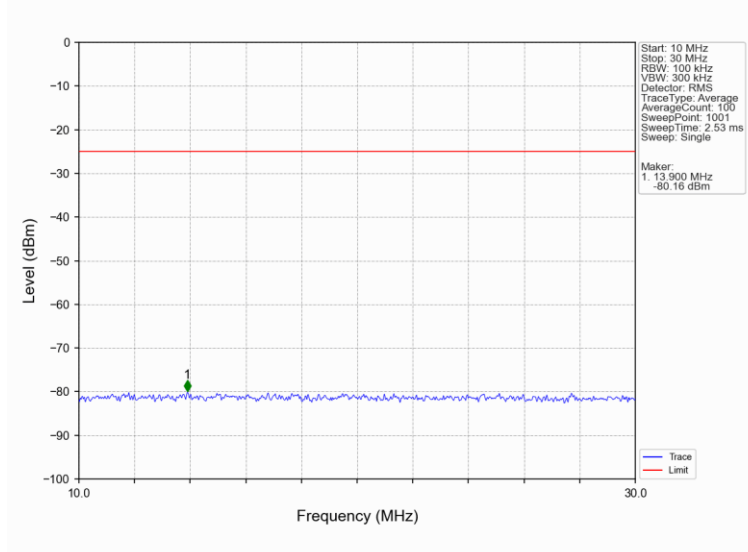
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



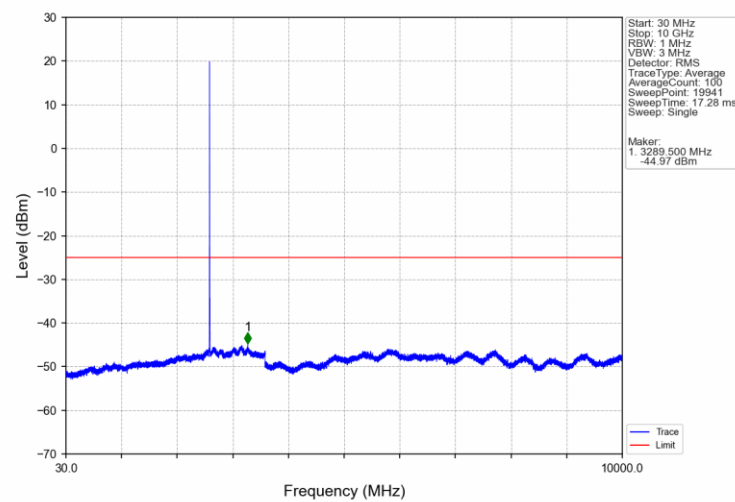
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



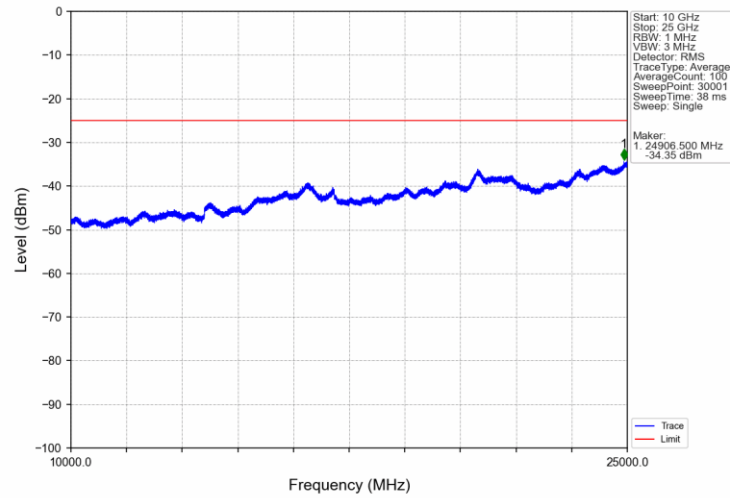
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



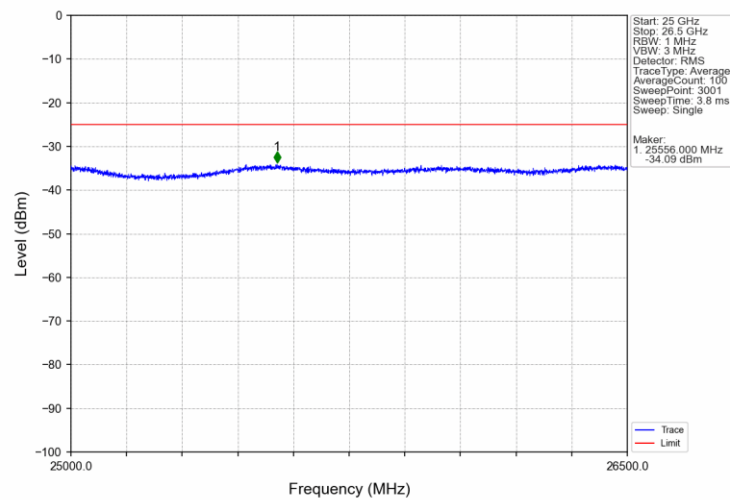
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



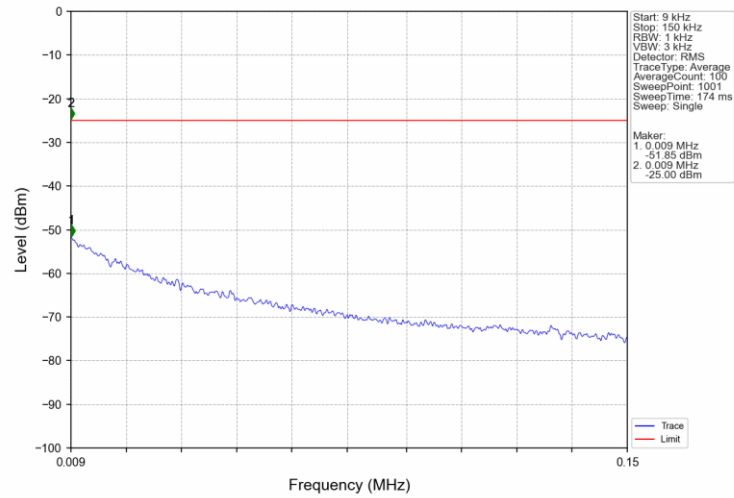
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



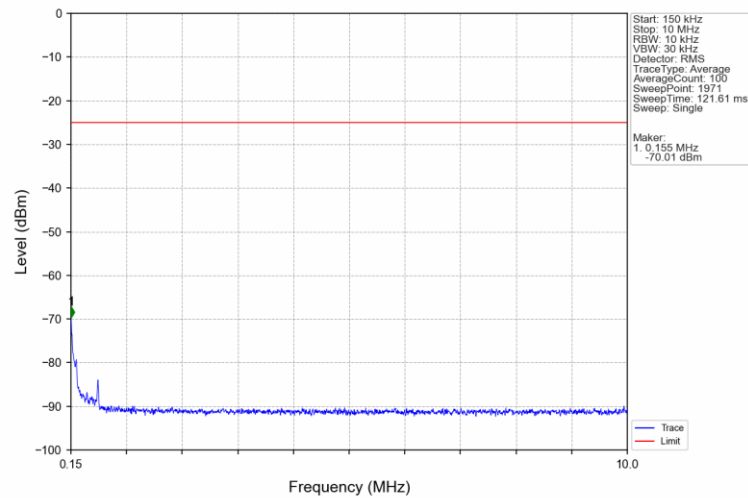
Band41_5MHz_QPSK_MCH_2605MHz_RB_1_0_NTNV



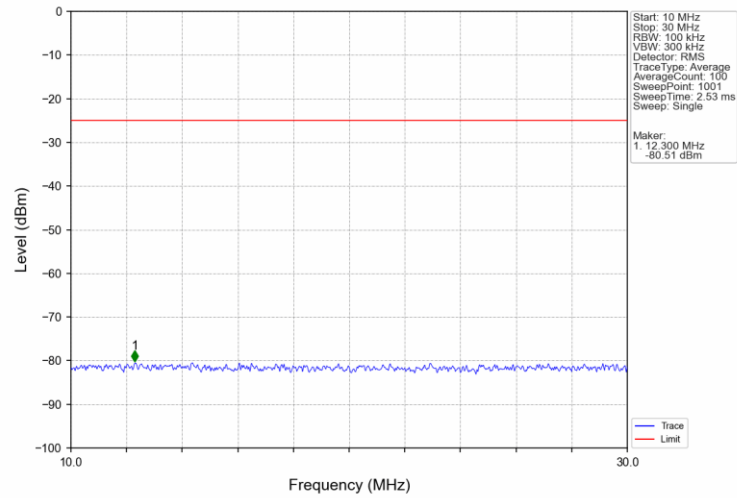
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV



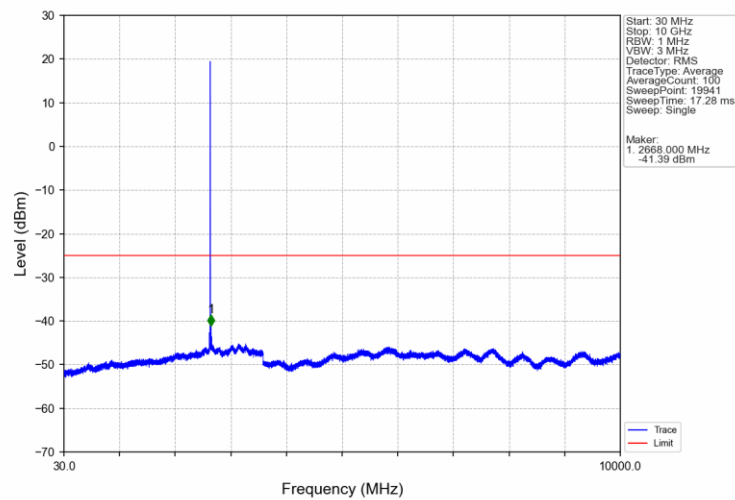
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV



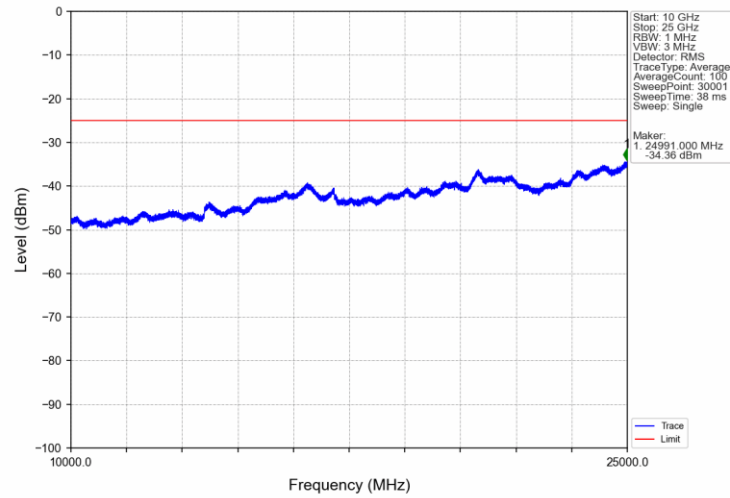
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV



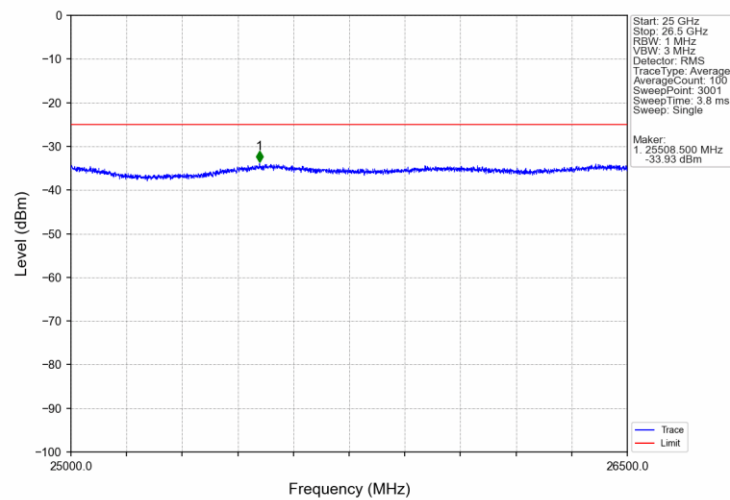
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV



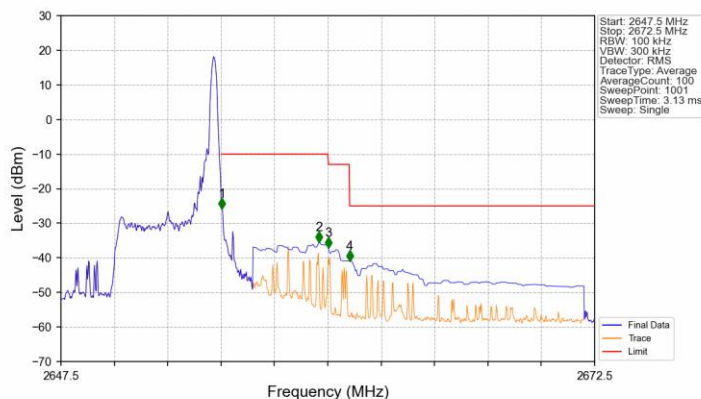
Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV



Band41 5MHz QPSK HCH 2652.5MHz RB 1 0 NTV

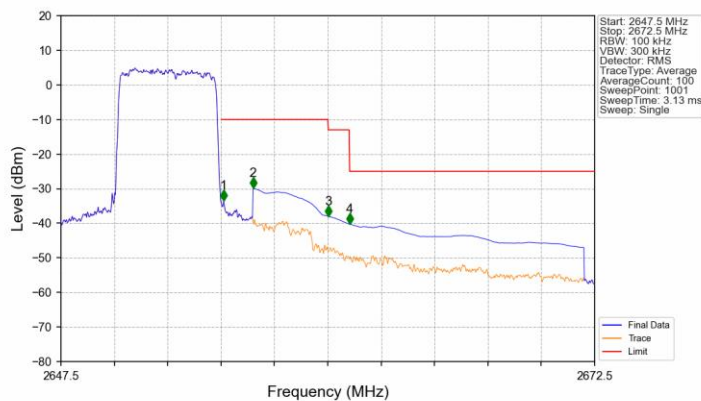


Band41 5MHz QPSK HCH 2652.5MHz RB 1 24 NTV



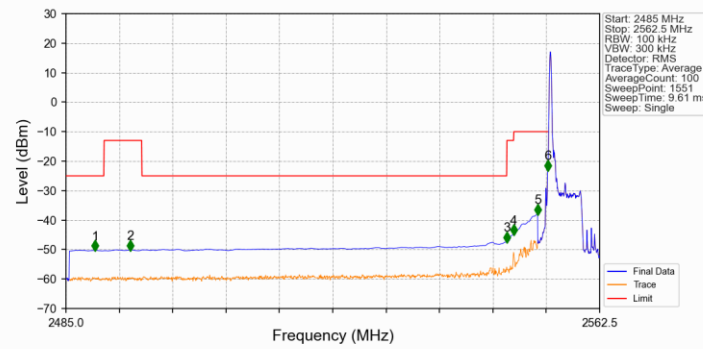
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.050	-25.82	-10	Pass
2656	2660	1	CHP	2	2659.600	-35.53	-10	Pass
2660	2661	1	CHP	3	2660.025	-37.20	-13	Pass
2661	2672.5	1	CHP	4	2661.025	-40.95	-25	Pass

Band41 5MHz QPSK HCH 2652.5MHz RB 25 0 NTV



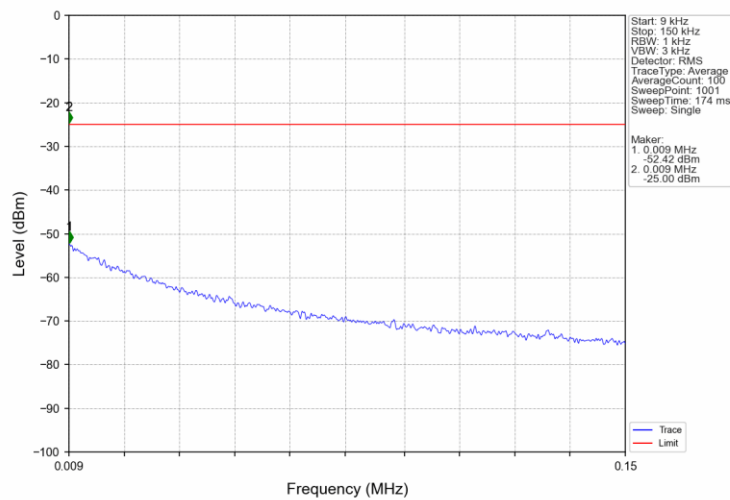
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2647.5	2655	0.1	/	/	/	/	/	/
2655	2656	0.1	/	1	2655.125	-33.58	-10	Pass
2656	2660	1	CHP	2	2656.500	-29.89	-10	Pass
2660	2661	1	CHP	3	2660.025	-38.02	-13	Pass
2661	2672.5	1	CHP	4	2661.025	-40.29	-25	Pass

Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

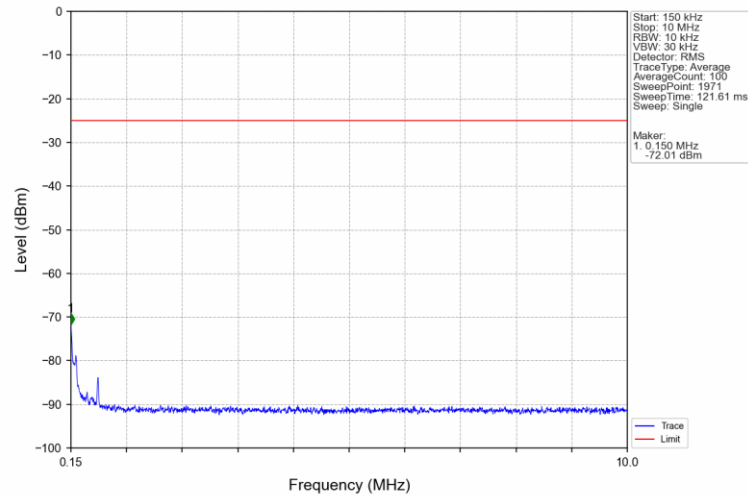


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.250	-50.18	-25	Pass
2490.5	2496	1	CHP	2	2494.350	-50.11	-13	Pass
2496	2549	1	CHP	3	2549.000	-47.38	-25	Pass
2549	2550	1	CHP	4	2550.000	-44.83	-13	Pass
2550	2554	1	CHP	5	2553.500	-37.97	-10	Pass
2554	2555	0.1	/	6	2554.950	-23.00	-10	Pass
2555	2562.5	0.1	/	/	/	/	/	/

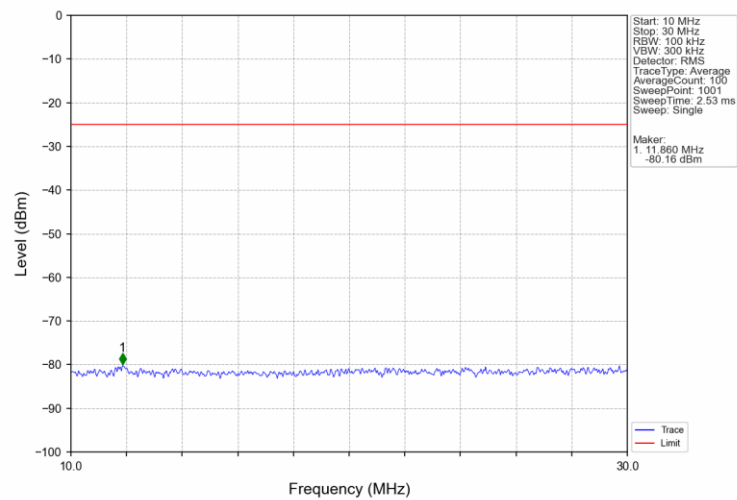
Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV



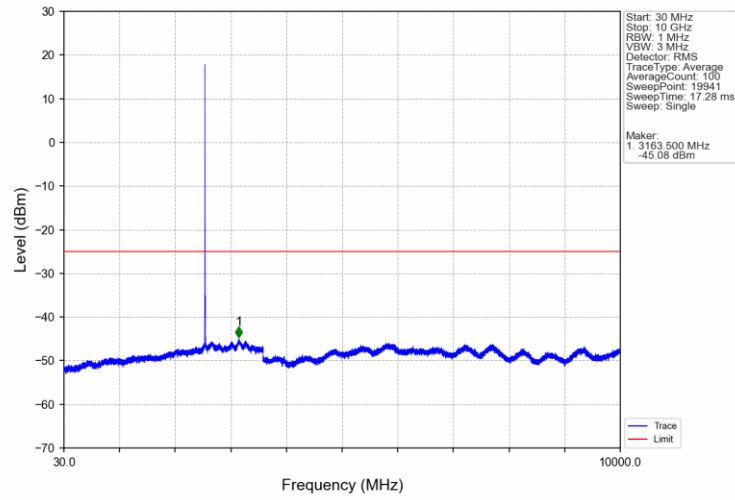
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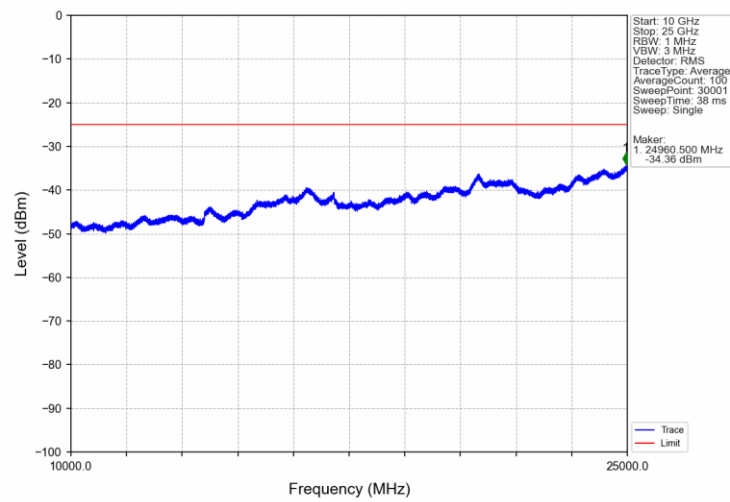
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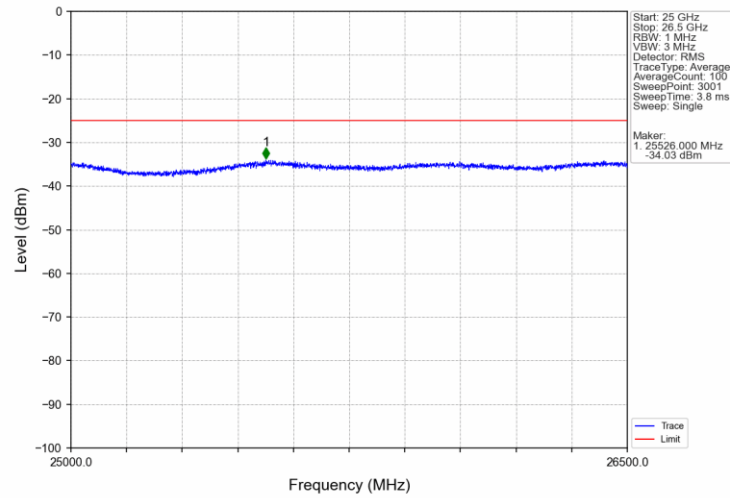
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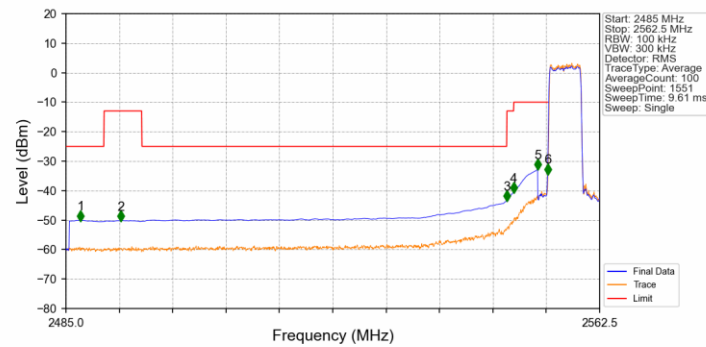
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Band41_5MHz_16QAM_LCH_2557.5MHz_RB_1_0_NTNV

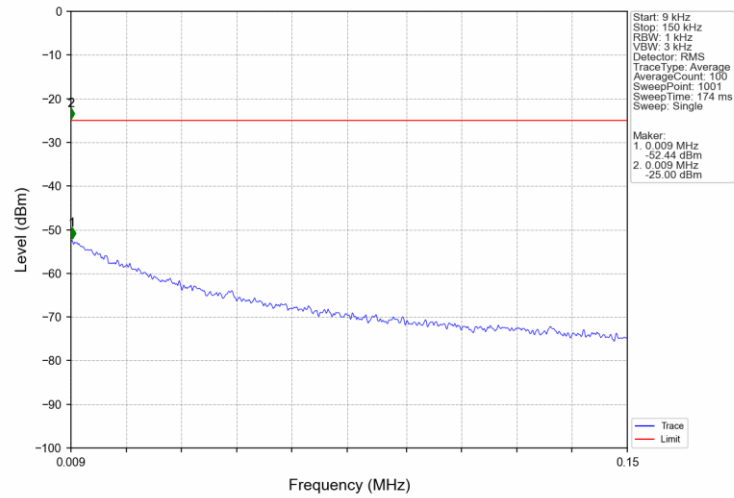


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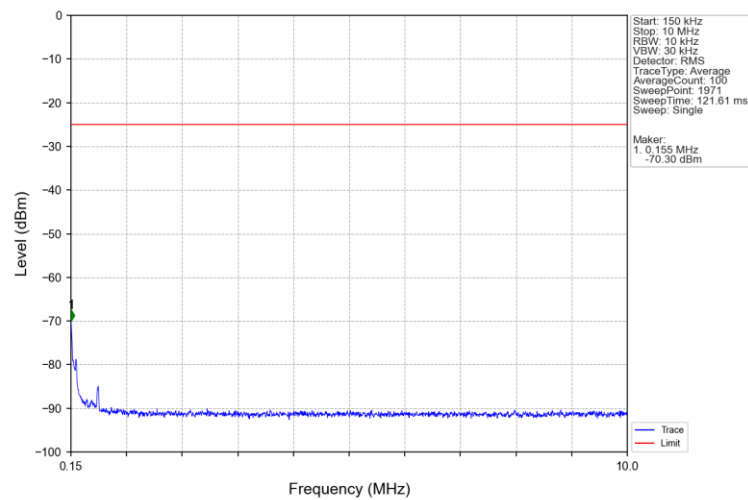


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2487.150	-50.07	-25	Pass
2490.5	2496	1	CHP	2	2493.000	-50.18	-13	Pass
2496	2549	1	CHP	3	2549.000	-43.33	-25	Pass
2549	2550	1	CHP	4	2550.000	-40.55	-13	Pass
2550	2554	1	CHP	5	2553.500	-32.72	-10	Pass
2554	2555	0.105	CHP	6	2554.950	-34.30	-10	Pass
2555	2562.5	0.105	CHP	/	/	/	/	/

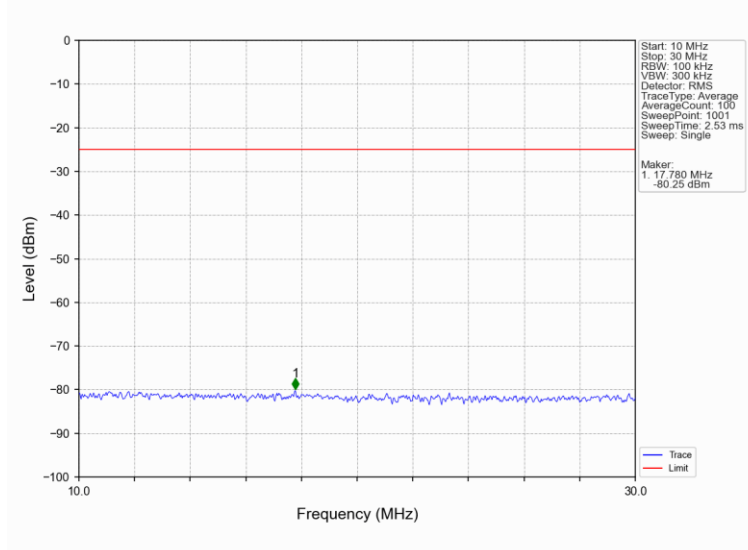
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



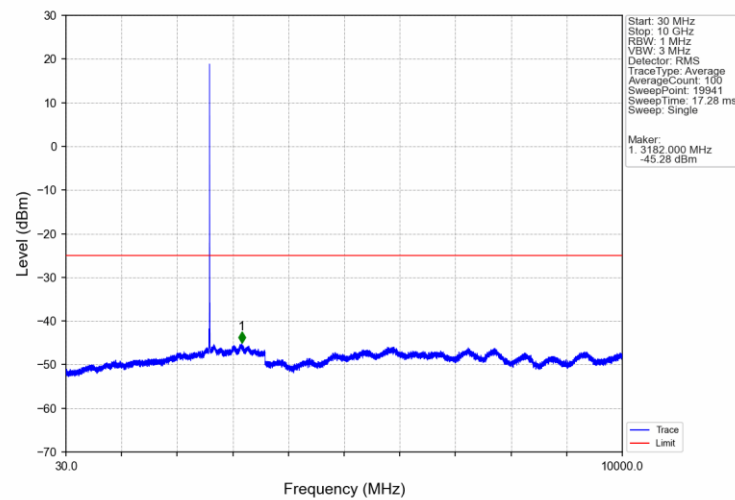
Band41_5MHz_16QAM_MCH_2605MHz_RB_1_0_NTNV



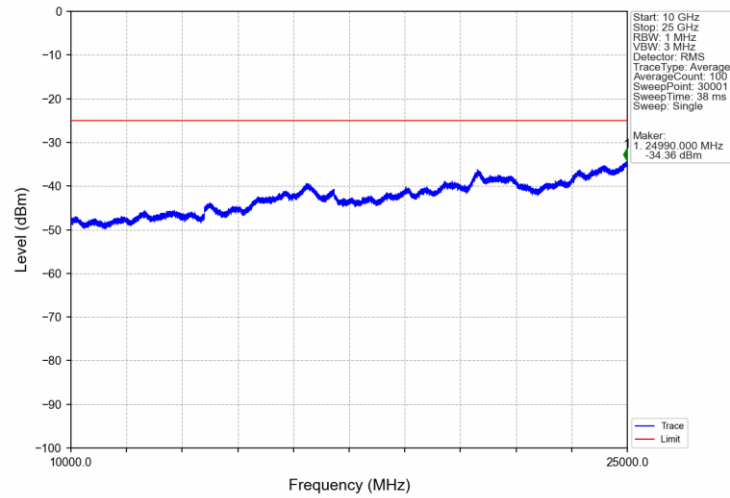
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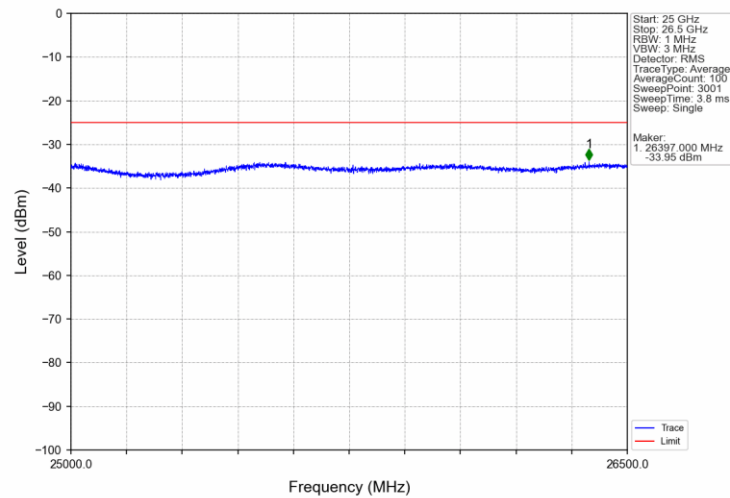
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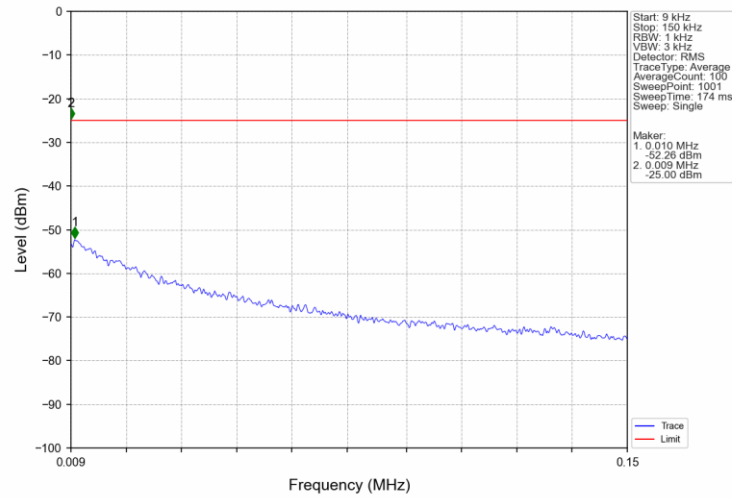
Band41 5MHz 16QAM MCH 2605MHz RB 1 0 NTV



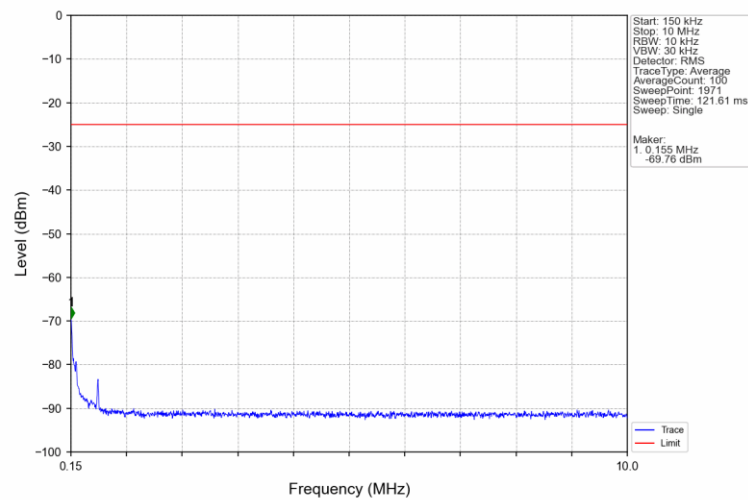
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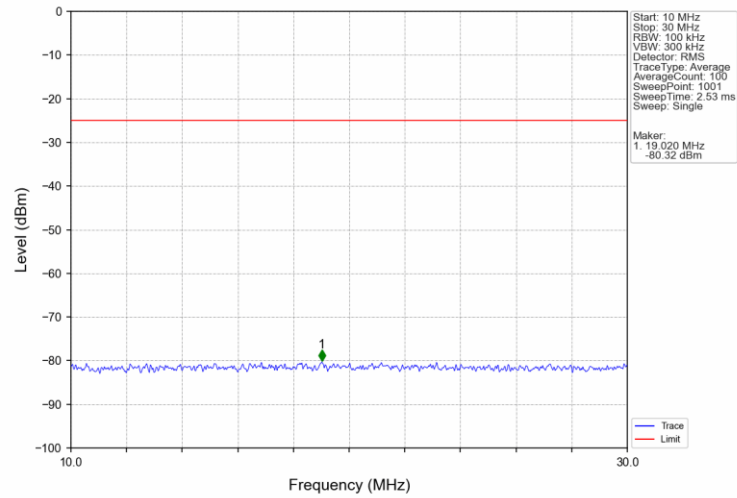
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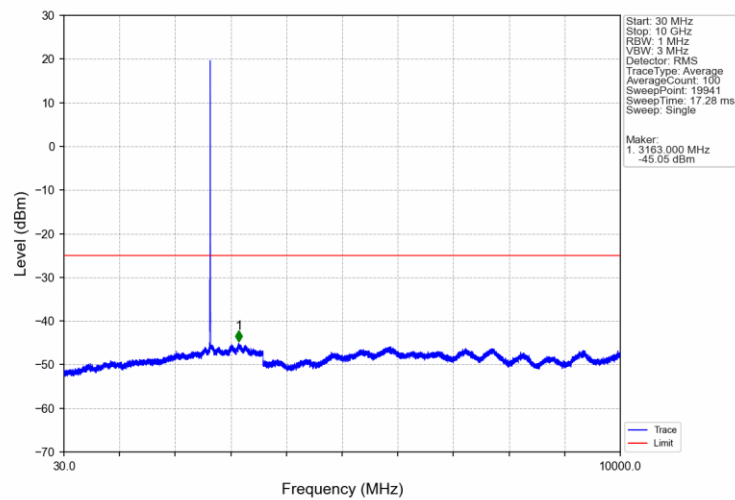
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



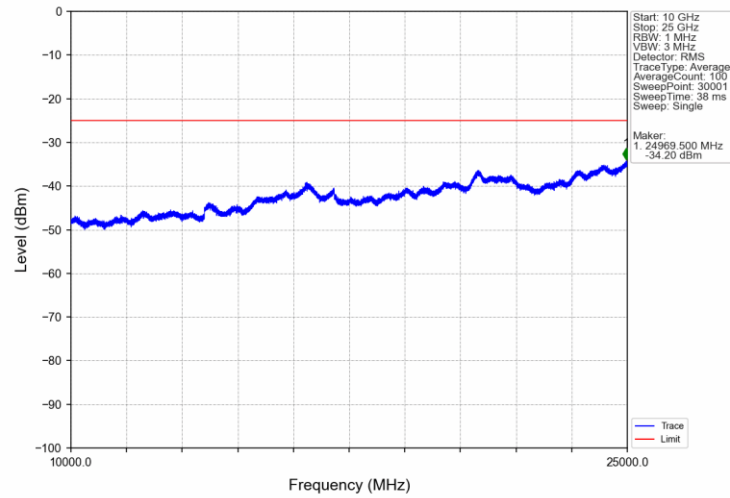
Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_HCH_2652.5MHz_RB_1_0_NTNV



Band41 5MHz 16QAM HCH 2652.5MHz RB 1 0 NTNV



Band41 5MHz 16QAM HCH 2652.5MHz RB 1 0 NTNV

