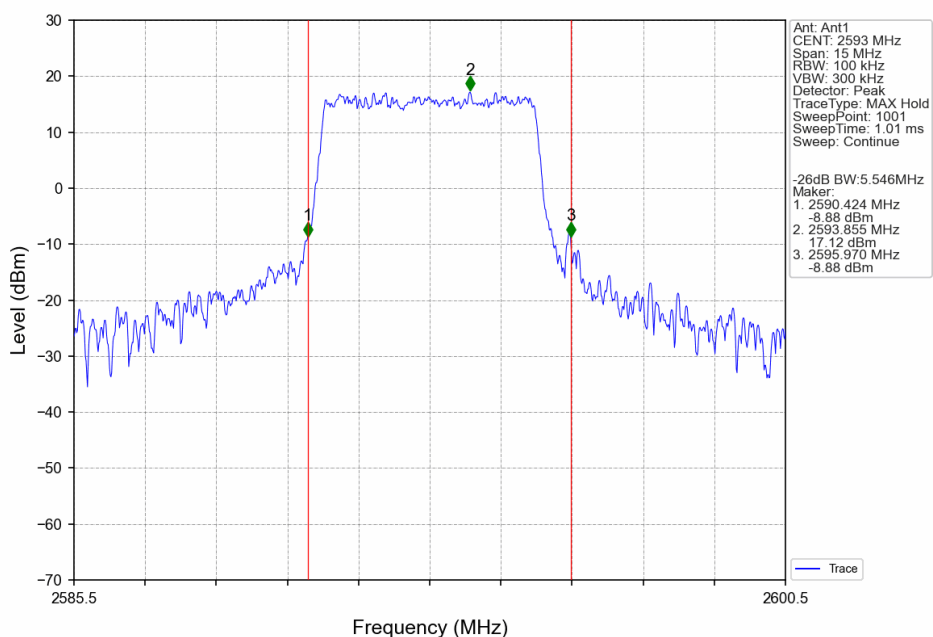


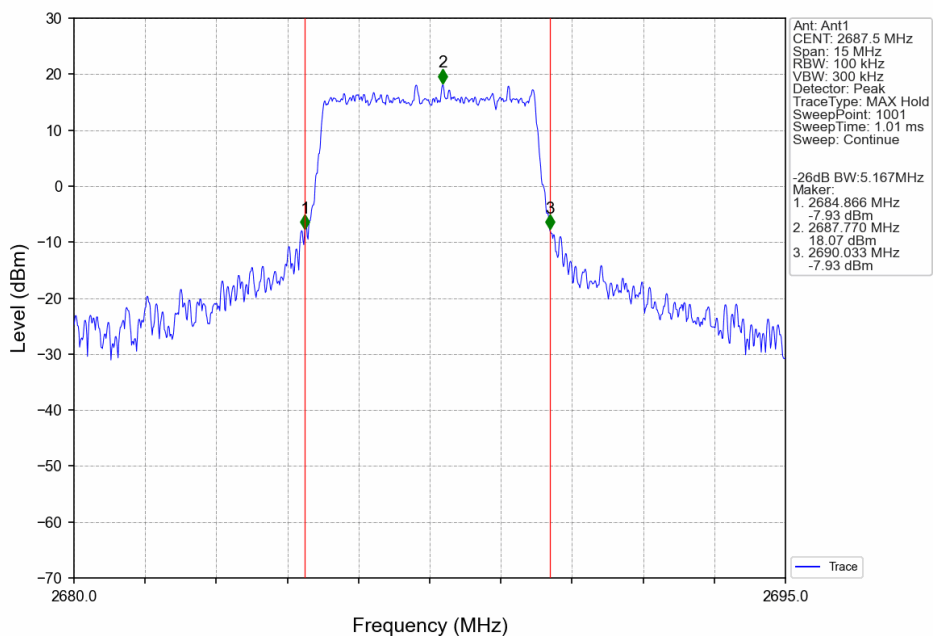


Test Report No.: RF260330B003

Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV

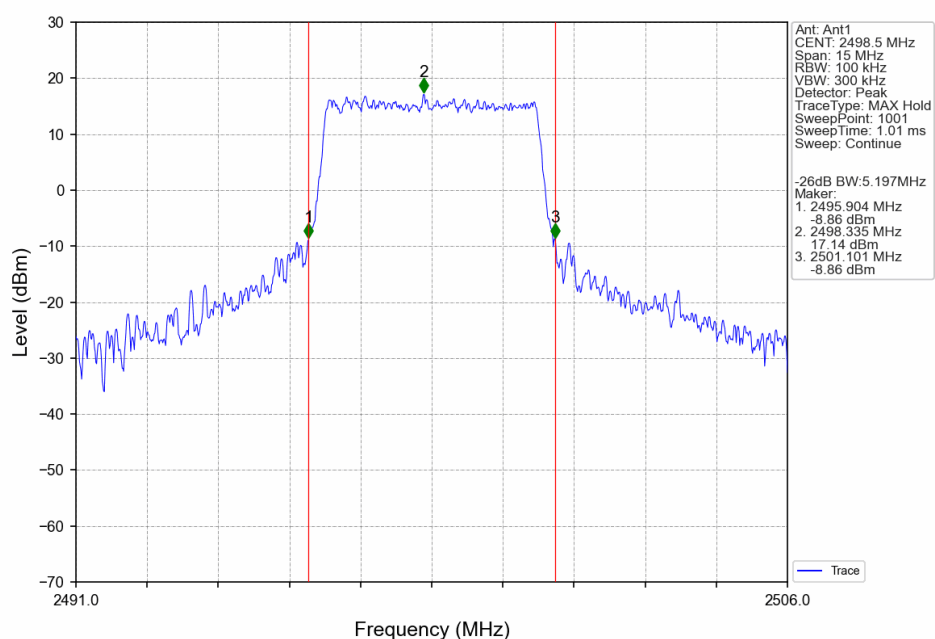


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV

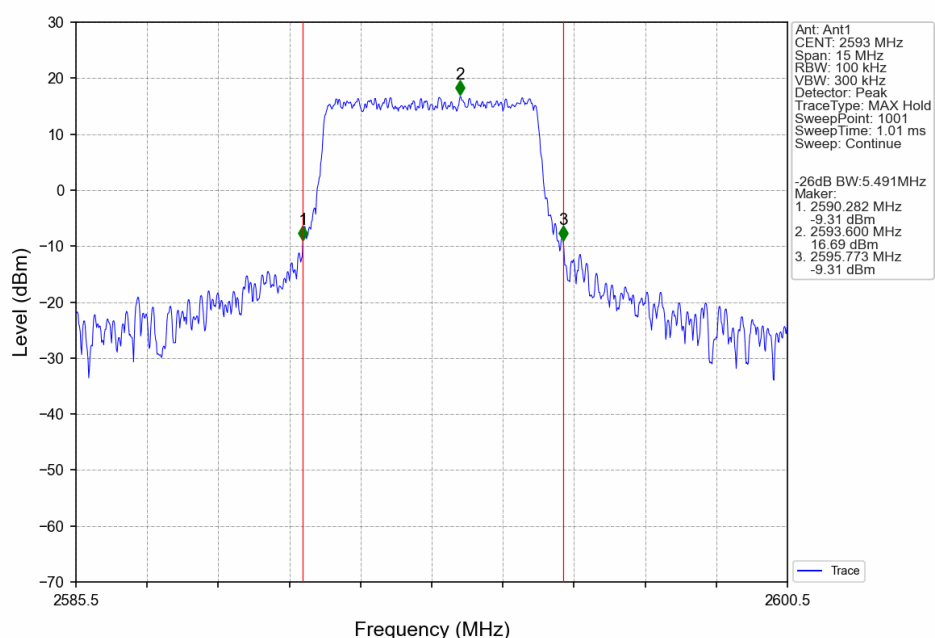


Test Report No.: RF260330B003

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV



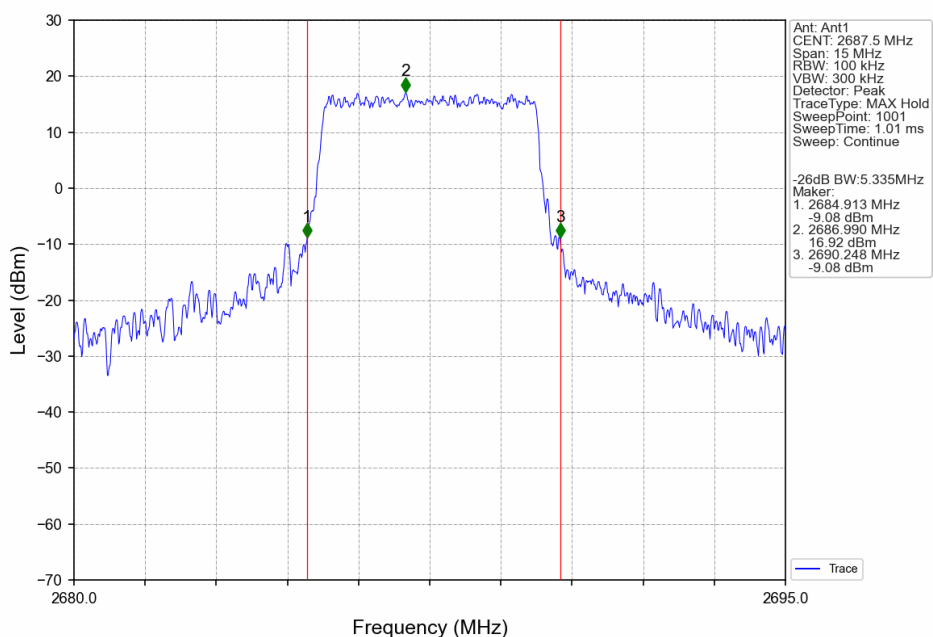
Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV



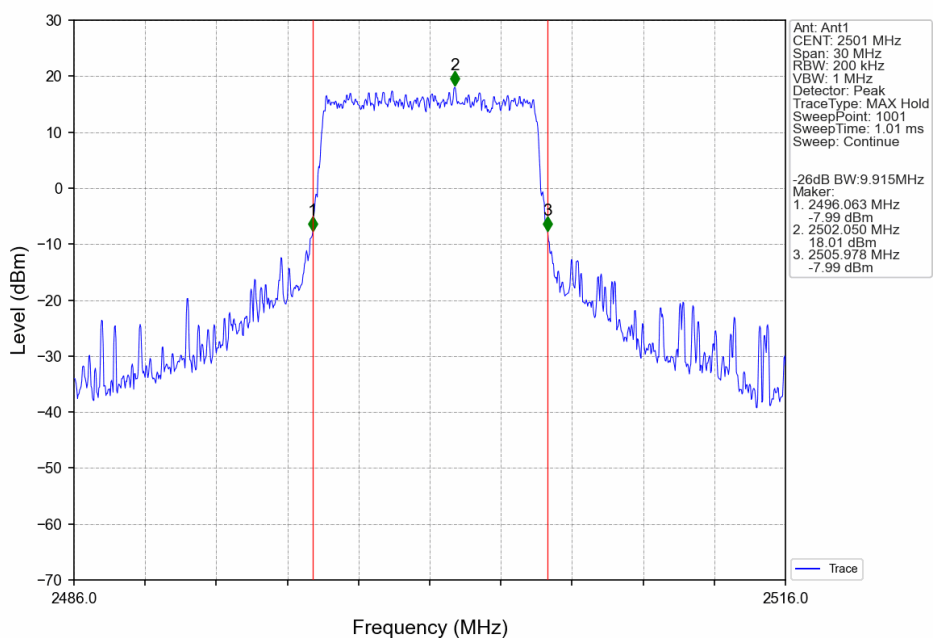


Test Report No.: RF260330B003

Band41_5MHz_64QAM_HCH_2687.5MHz_RB_25_0_NTNV



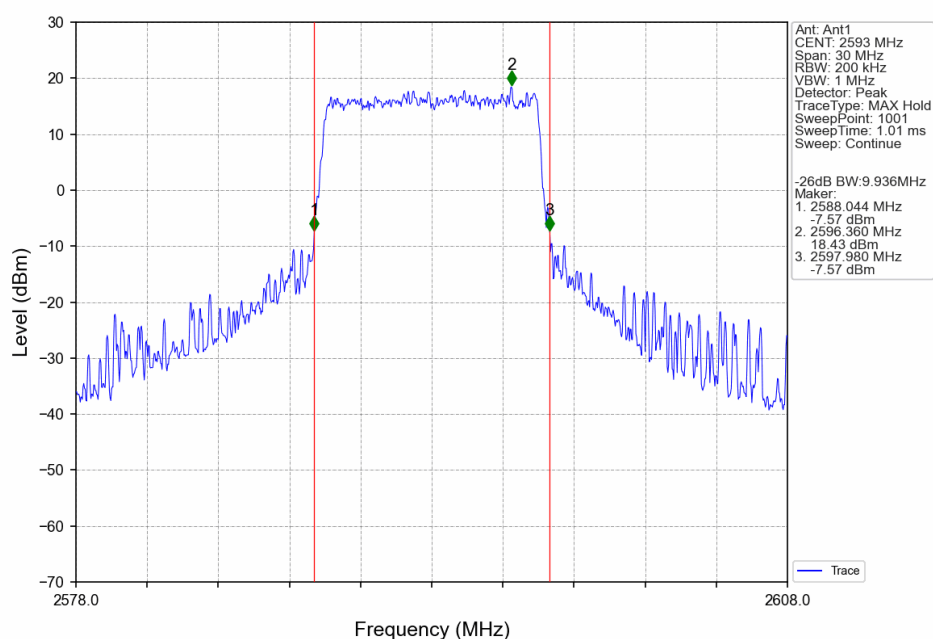
Band41_10MHz_QPSK_LCH_2501MHz_RB_50_0_NTNV



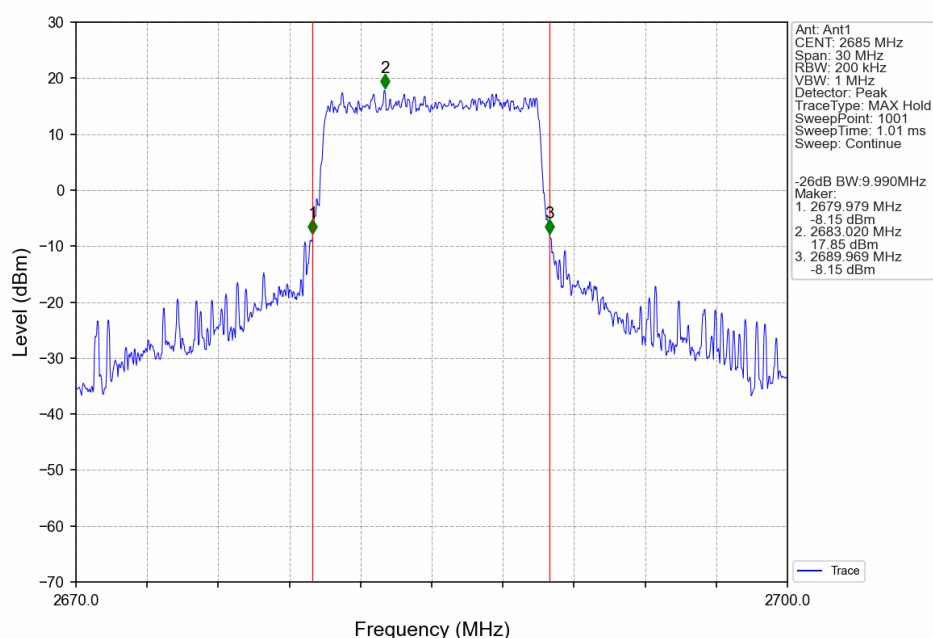


Test Report No.: RF260330B003

Band41_10MHz_QPSK_MCH_2593MHz_RB_50_0_NTNV



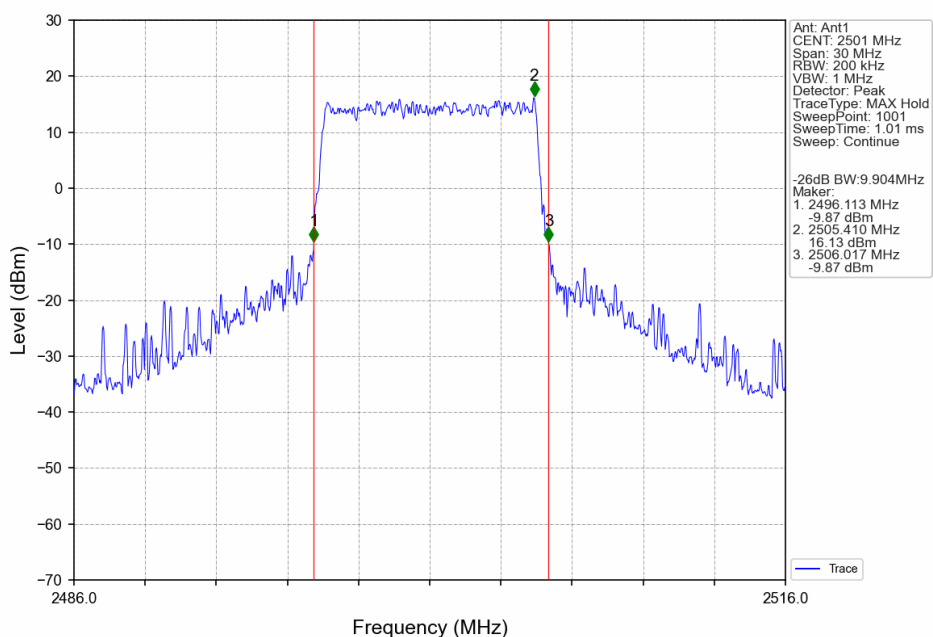
Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV



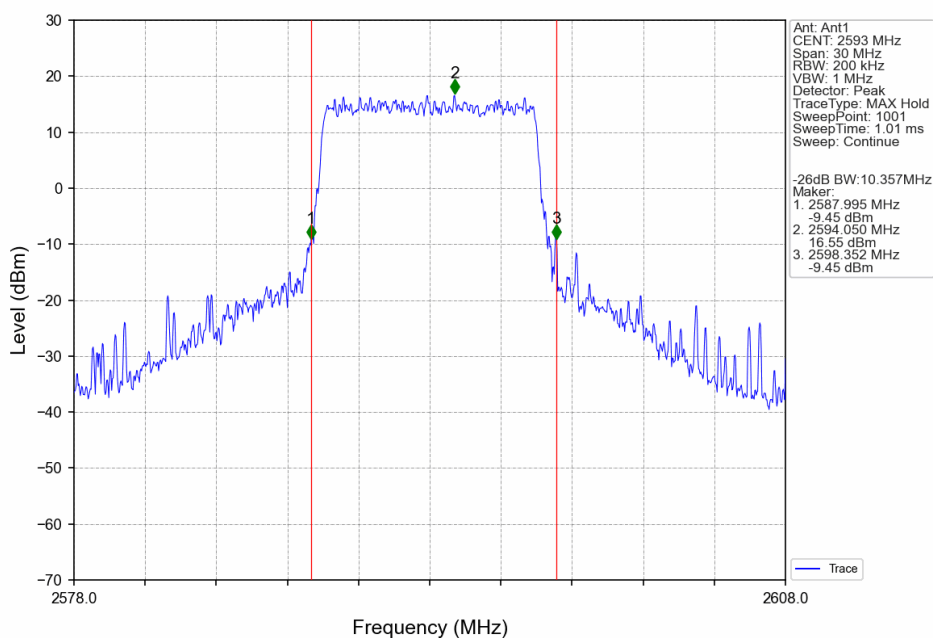


Test Report No.: RF260330B003

Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV



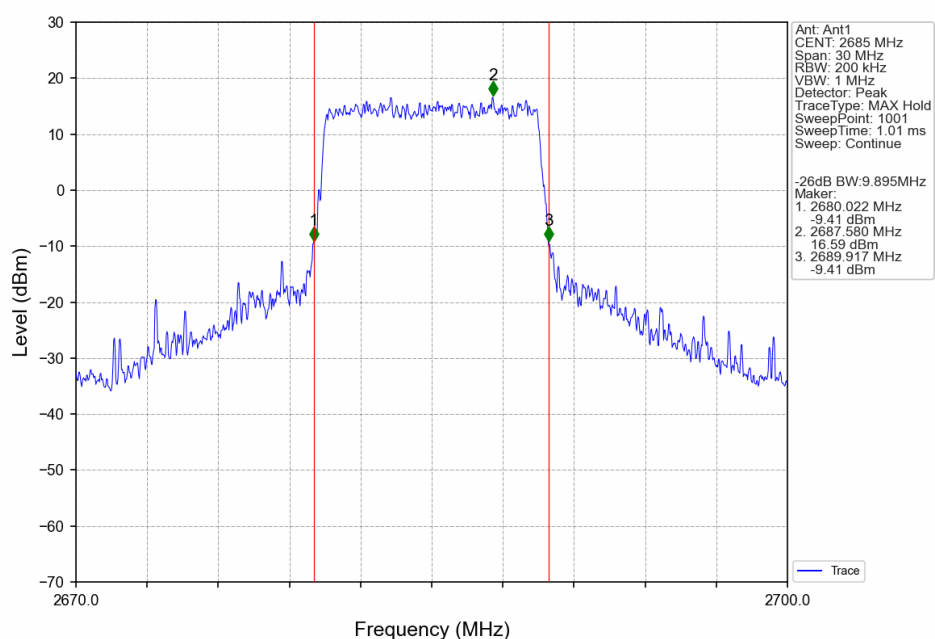
Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV



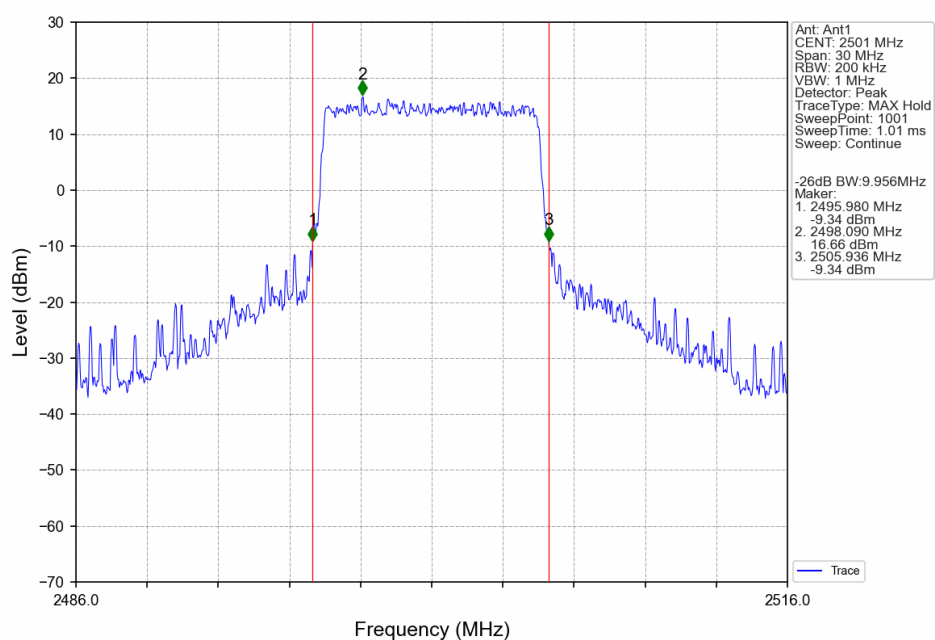


Test Report No.: RF260330B003

Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

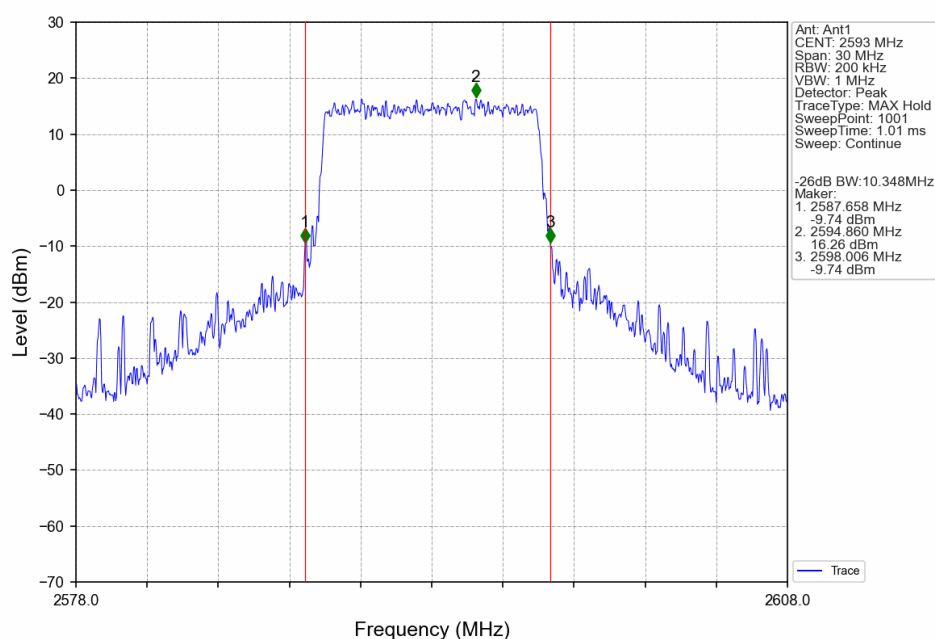


Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV

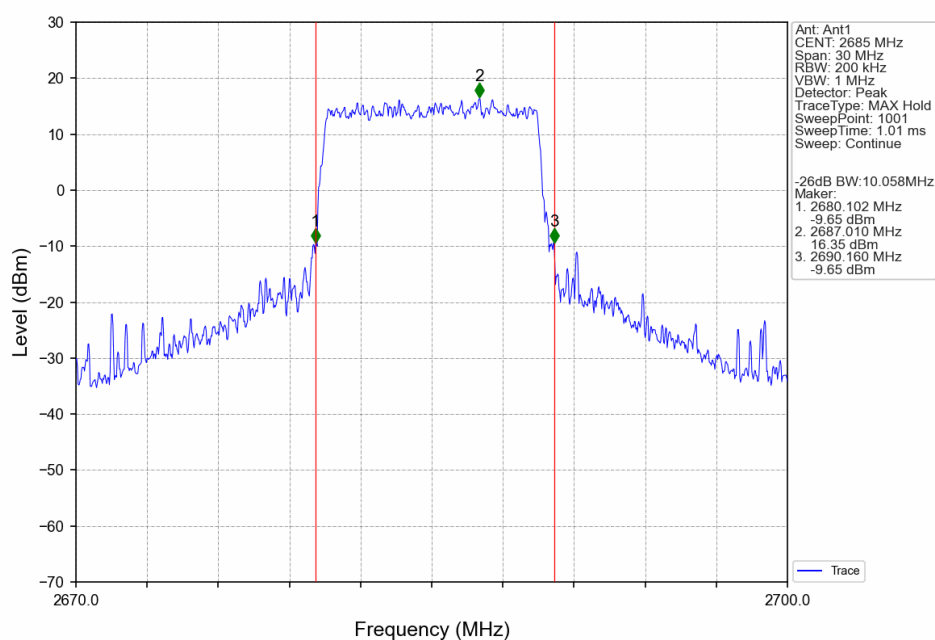


Test Report No.: RF260330B003

Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV



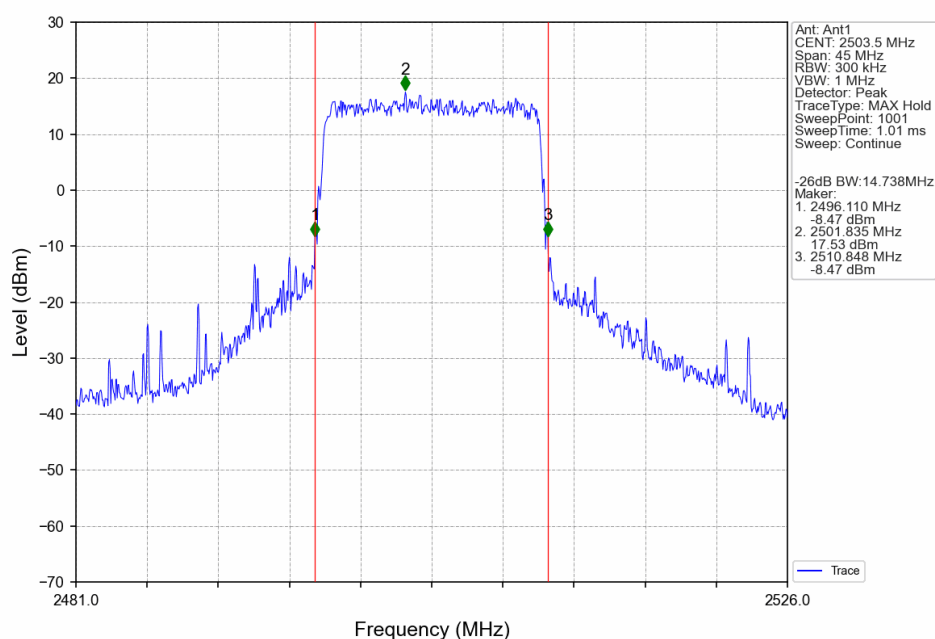
Band41_10MHz_64QAM_HCH_2685MHz_RB_50_0_NTNV



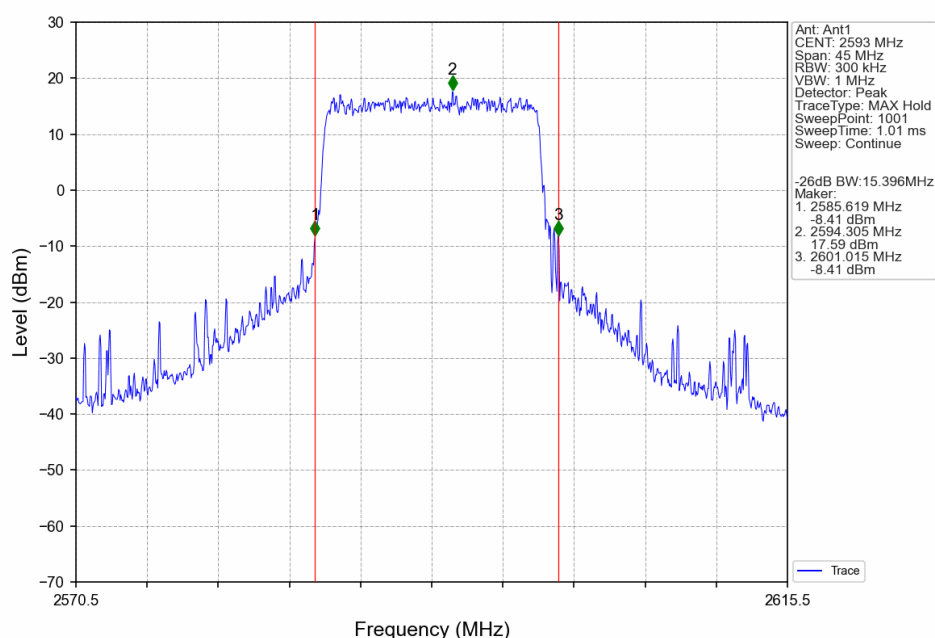


Test Report No.: RF260330B003

Band41_15MHz_QPSK_LCH_2503.5MHz_RB_75_0_NTNV



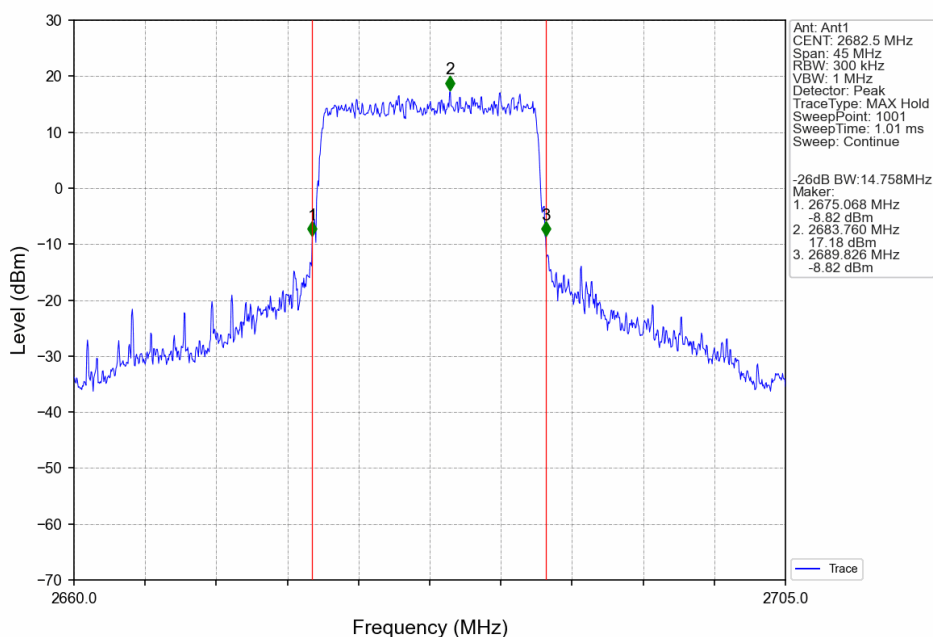
Band41_15MHz_QPSK_MCH_2593MHz_RB_75_0_NTNV



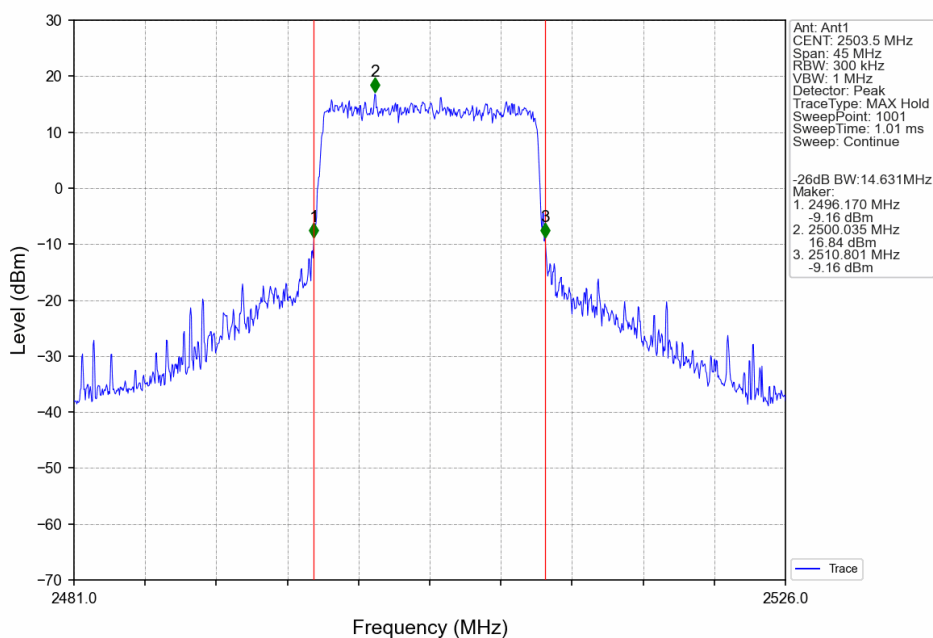


Test Report No.: RF260330B003

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



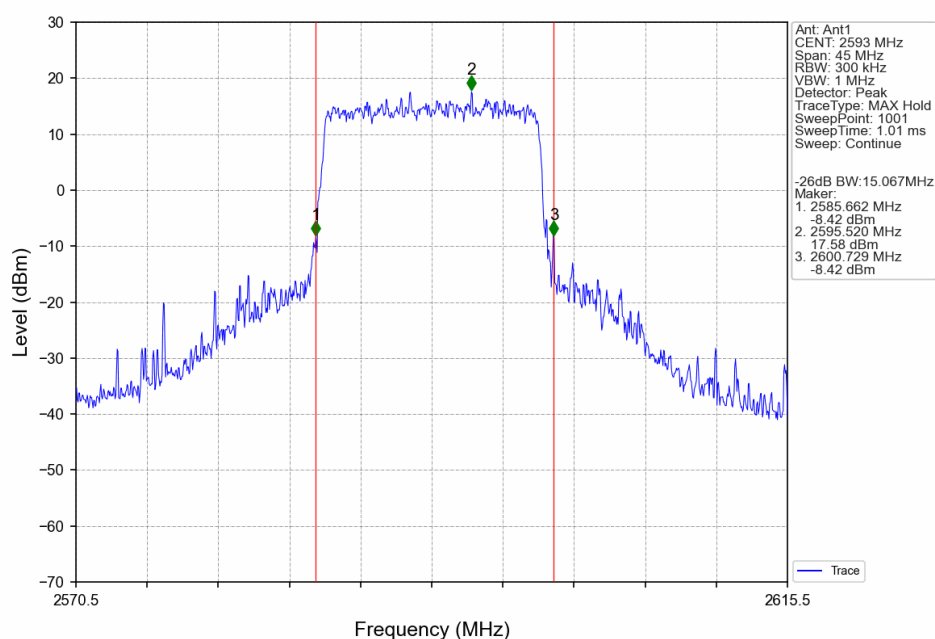
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



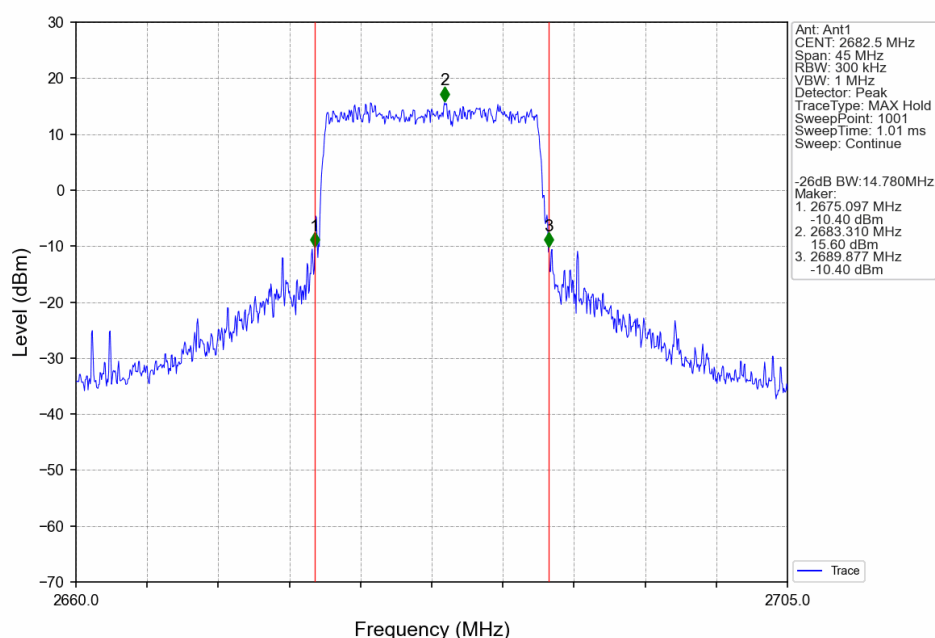


Test Report No.: RF260330B003

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



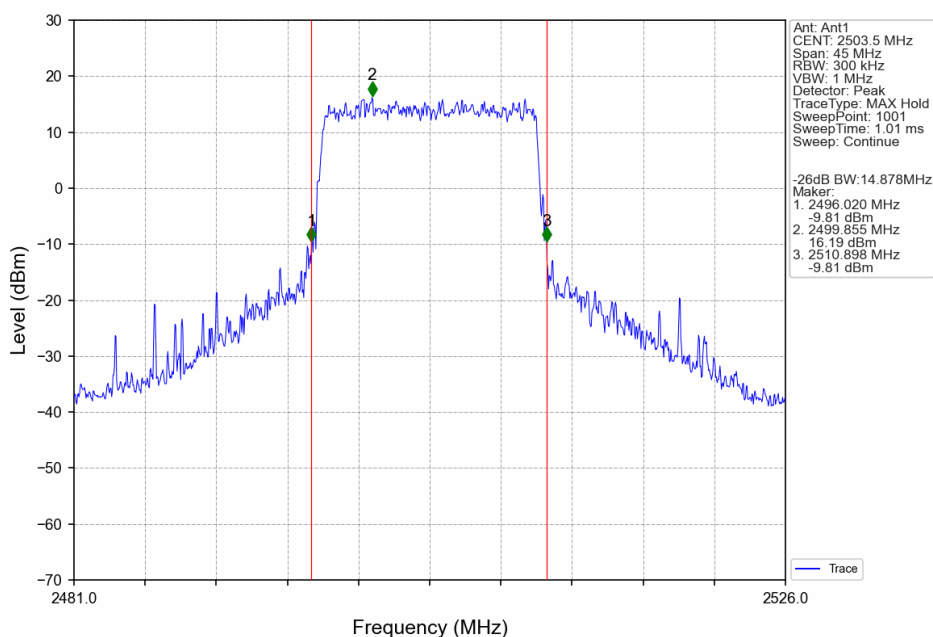
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



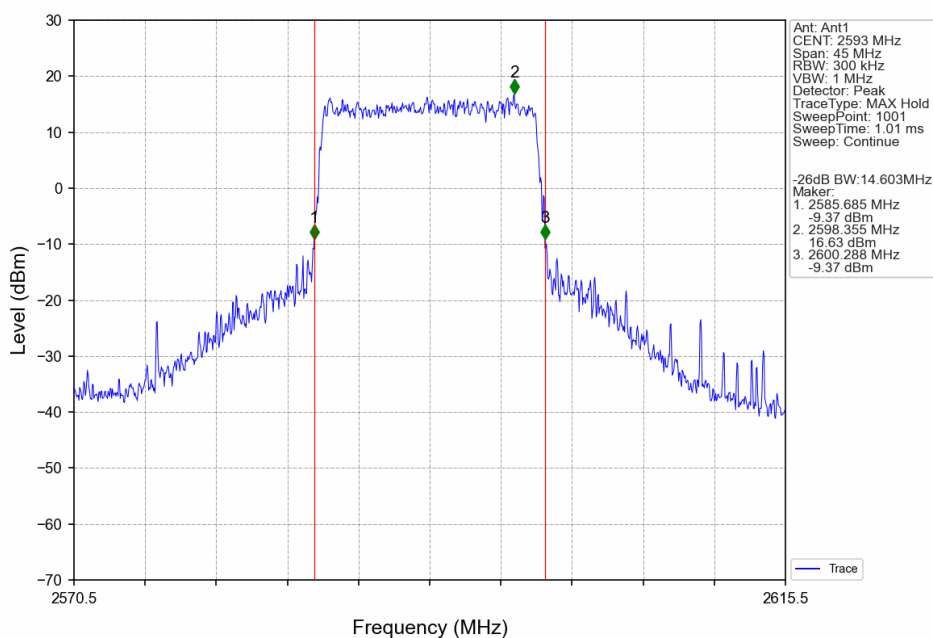


Test Report No.: RF260330B003

Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV



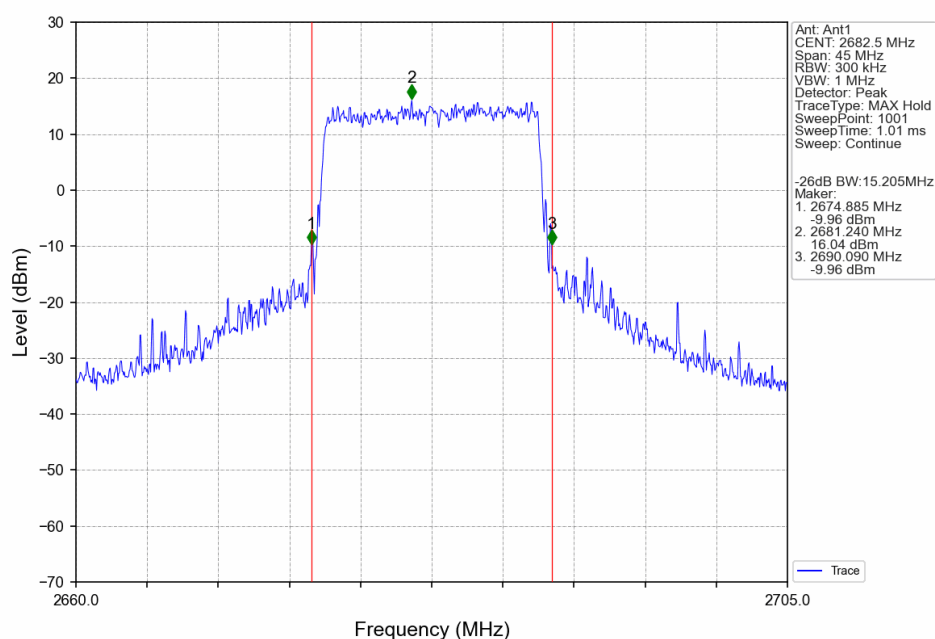
Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV



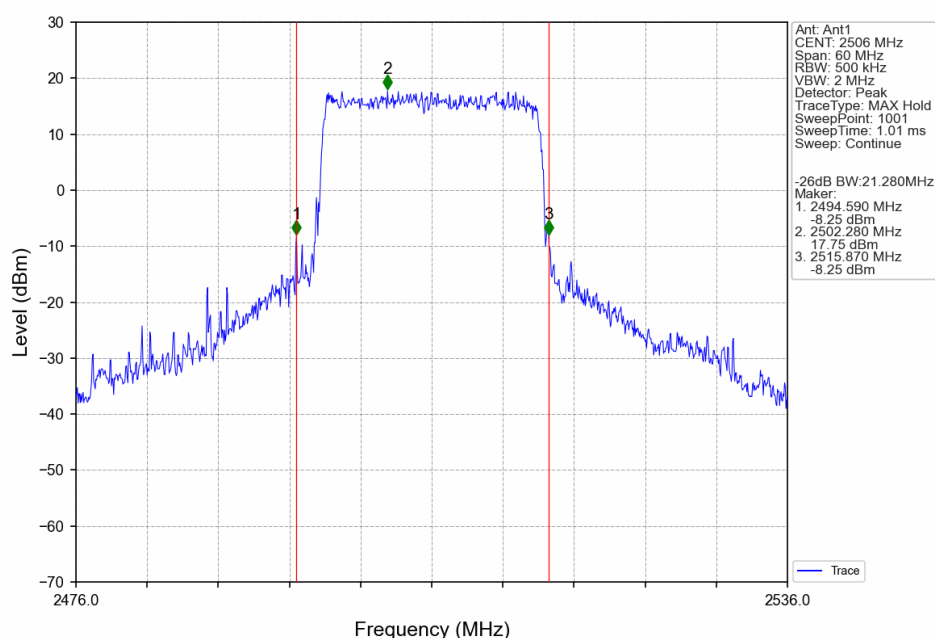


Test Report No.: RF260330B003

Band41_15MHz_64QAM_HCH_2682.5MHz_RB_75_0_NTNV



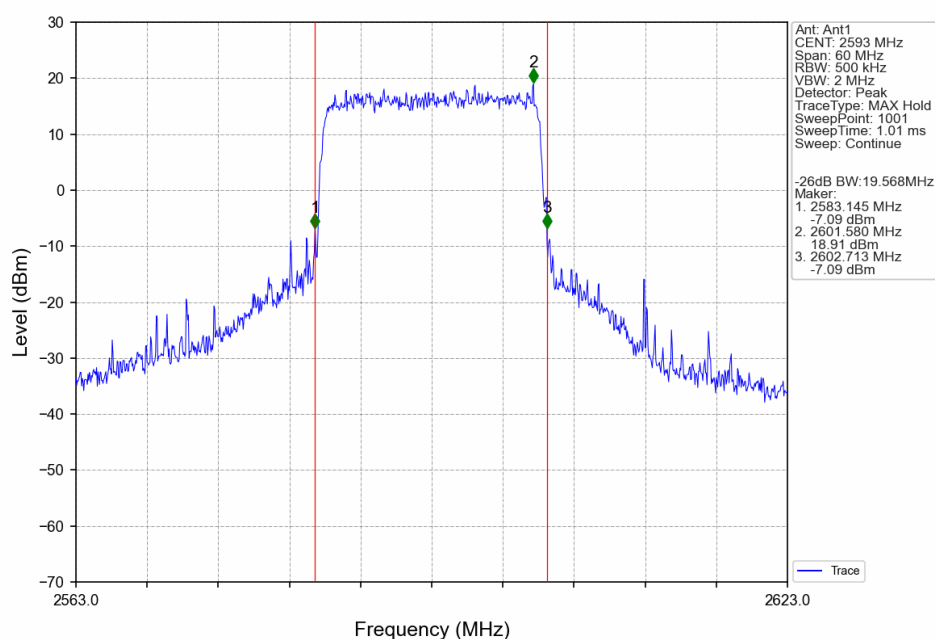
Band41_20MHz_QPSK_LCH_2506MHz_RB_100_0_NTNV



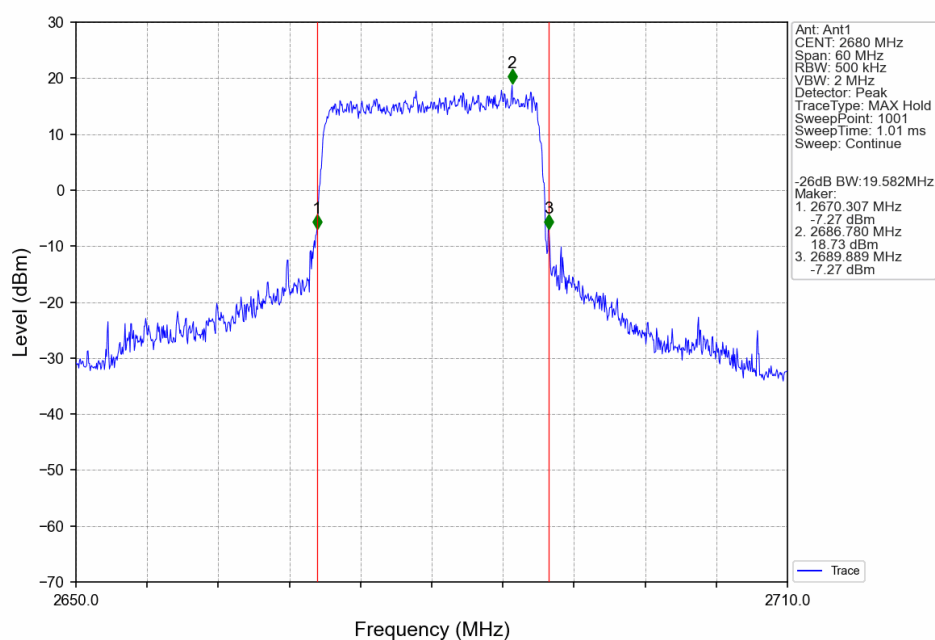


Test Report No.: RF260330B003

Band41_20MHz_QPSK_MCH_2593MHz_RB_100_0_NTNV



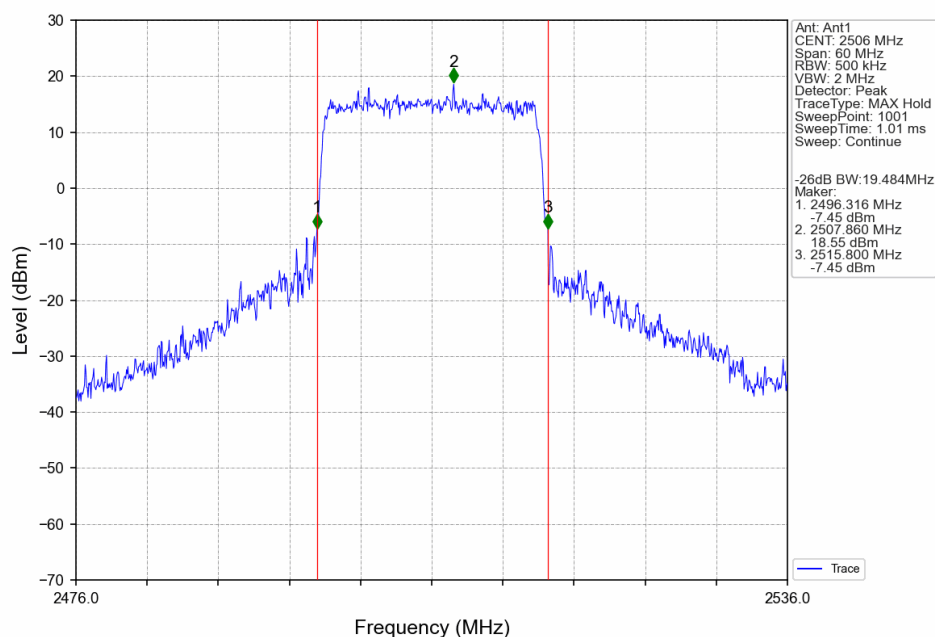
Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



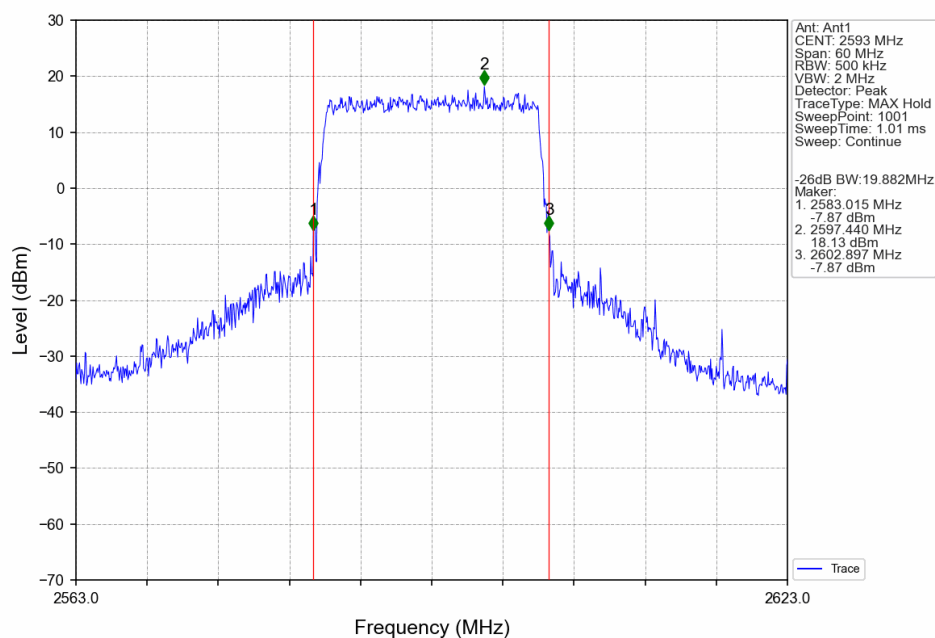


Test Report No.: RF260330B003

Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



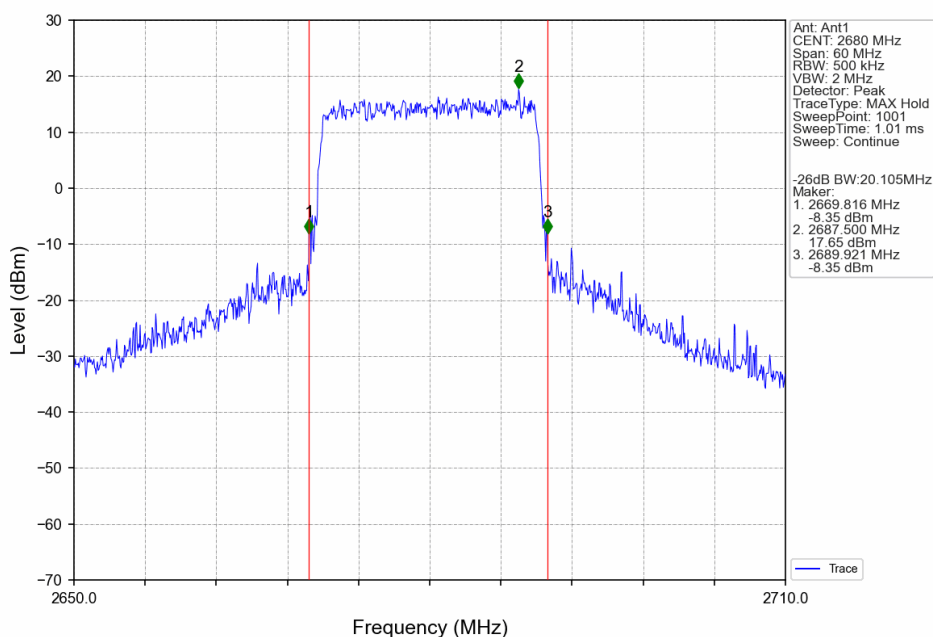
Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV



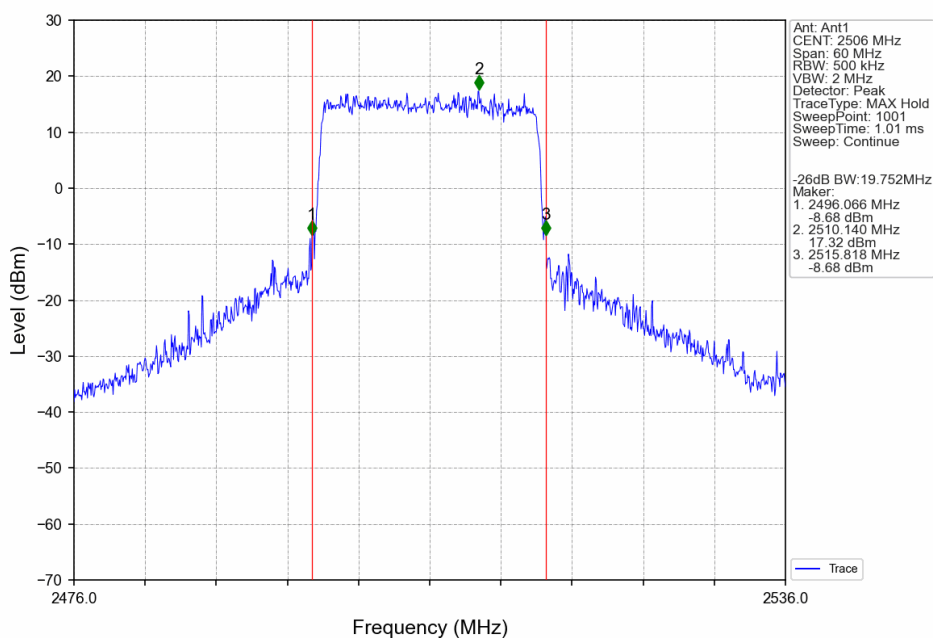


Test Report No.: RF260330B003

Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV



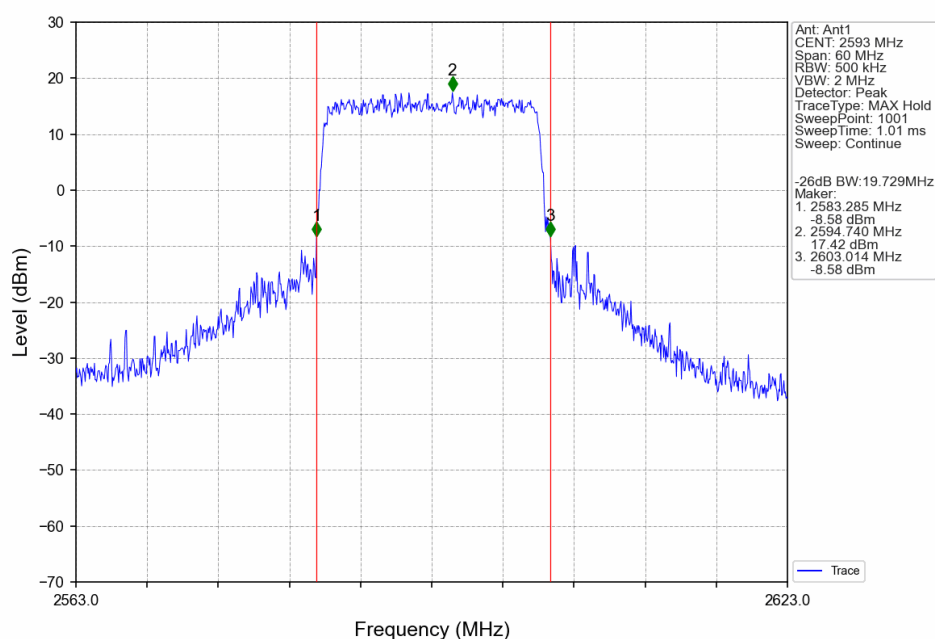
Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV



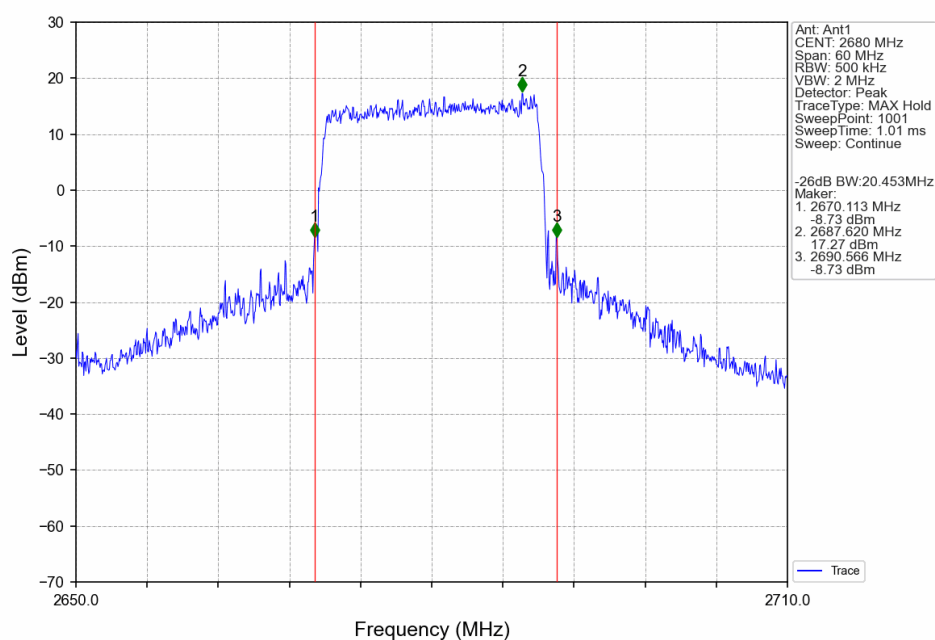


Test Report No.: RF260330B003

Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV



Band41_20MHz_64QAM_HCH_2680MHz_RB_100_0_NTNV



PEAK-TO-AVERAGE RATIO (CCDF)

Test Result

5MHz

Band: 41 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2498.5	25	0	6.70	<=13	Pass
	2593	25	0	6.74	<=13	Pass
	2687.5	25	0	6.72	<=13	Pass
16QAM	2498.5	25	0	7.72	<=13	Pass
	2593	25	0	7.76	<=13	Pass
	2687.5	25	0	7.74	<=13	Pass
64QAM	2498.5	25	0	7.66	<=13	Pass
	2593	25	0	7.76	<=13	Pass
	2687.5	25	0	7.74	<=13	Pass

10MHz

Band: 41 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2501	50	0	6.76	<=13	Pass
	2593	50	0	6.72	<=13	Pass
	2685	50	0	6.74	<=13	Pass
16QAM	2501	50	0	7.82	<=13	Pass
	2593	50	0	7.78	<=13	Pass
	2685	50	0	7.78	<=13	Pass
64QAM	2501	50	0	7.80	<=13	Pass
	2593	50	0	7.78	<=13	Pass
	2685	50	0	7.78	<=13	Pass

15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	75	0	6.64	<=13	Pass
	2593	75	0	6.60	<=13	Pass
	2682.5	75	0	6.70	<=13	Pass
16QAM	2503.5	75	0	7.66	<=13	Pass
	2593	75	0	7.62	<=13	Pass
	2682.5	75	0	7.60	<=13	Pass
64QAM	2503.5	75	0	7.66	<=13	Pass
	2593	75	0	7.60	<=13	Pass
	2682.5	75	0	7.60	<=13	Pass

20MHz

Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict



Test Report No.: RF260330B003

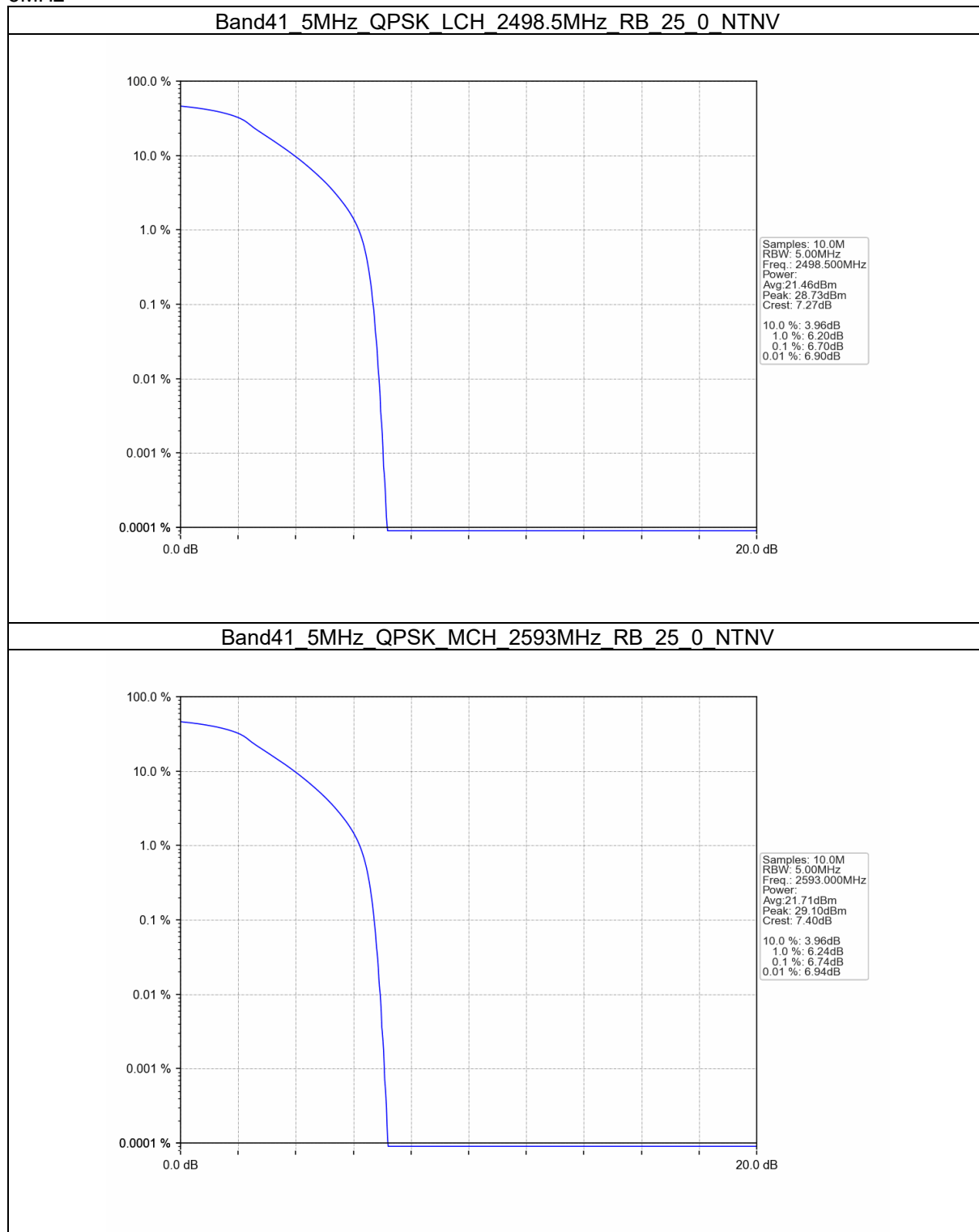
	(MHz)	Size	Offset	Result	Limit	
QPSK	2506	100	0	6.80	≤ 13	Pass
	2593	100	0	6.76	≤ 13	Pass
	2680	100	0	6.92	≤ 13	Pass
16QAM	2506	100	0	7.82	≤ 13	Pass
	2593	100	0	7.78	≤ 13	Pass
	2680	100	0	7.88	≤ 13	Pass
64QAM	2506	100	0	7.84	≤ 13	Pass
	2593	100	0	7.78	≤ 13	Pass
	2680	100	0	7.84	≤ 13	Pass



Test Report No.: RF260330B003

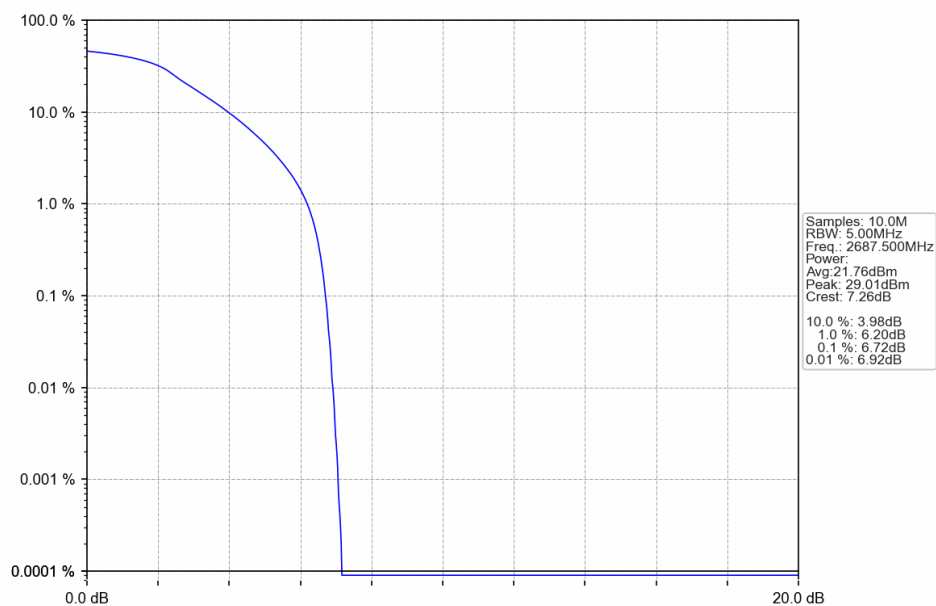
Test Graph

5MHz

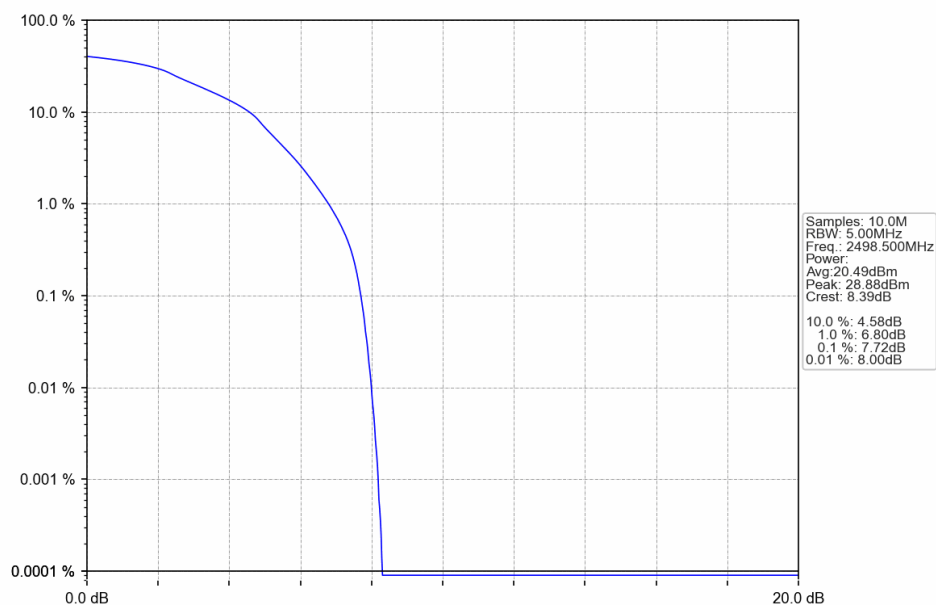


Test Report No.: RF260330B003

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV

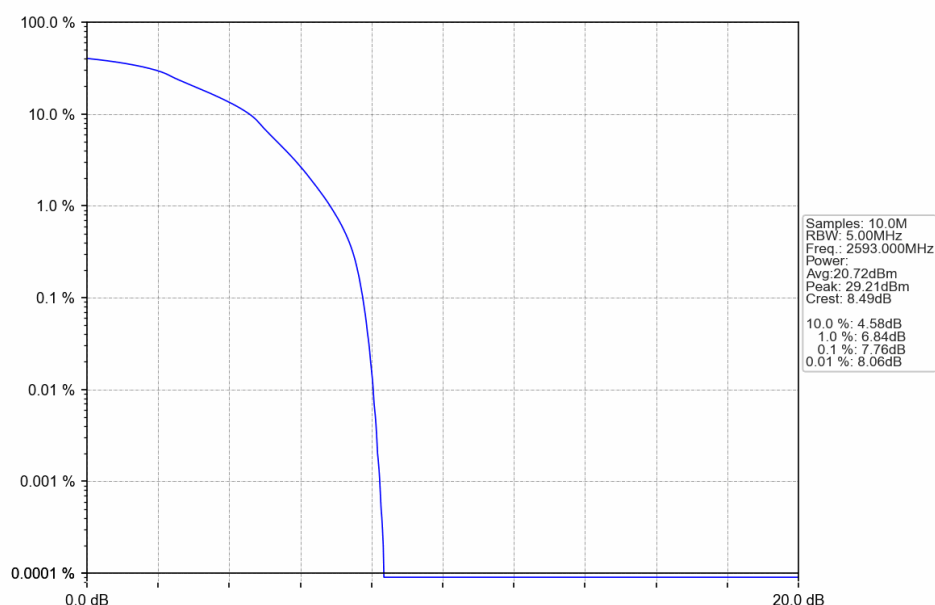


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

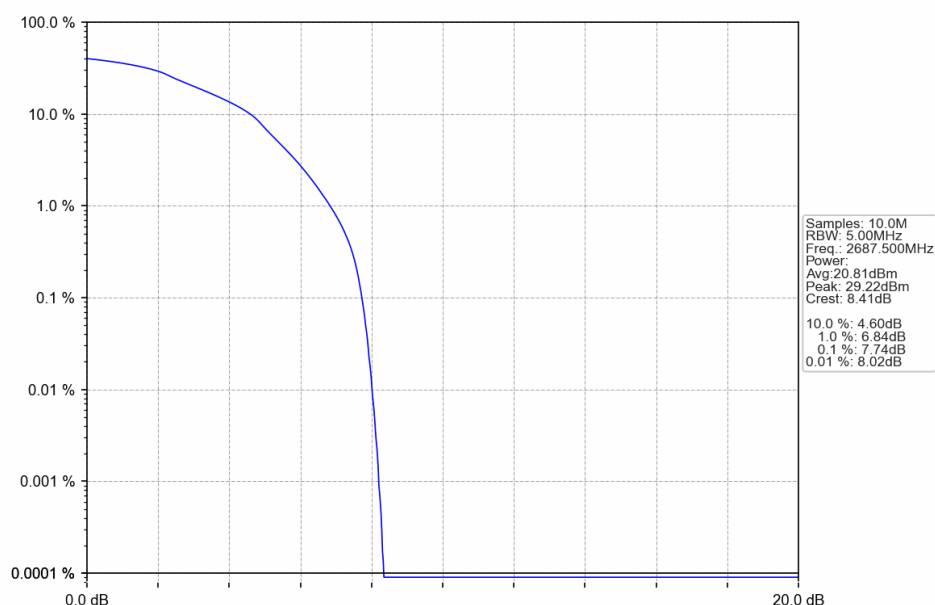


Test Report No.: RF260330B003

Band41_5MHz_16QAM_MCH_2593MHz_RB_25_0_NTNV



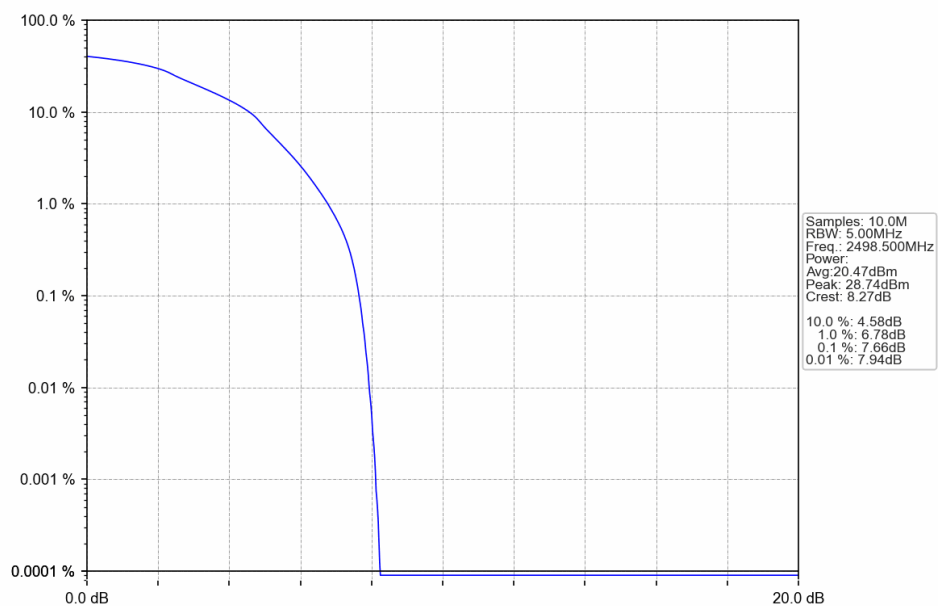
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



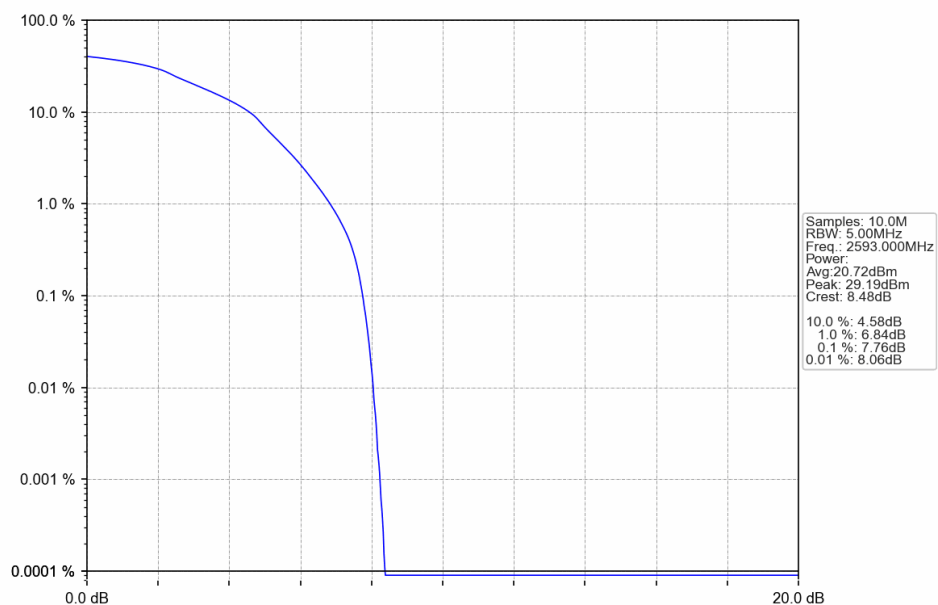


Test Report No.: RF260330B003

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_25_0_NTNV

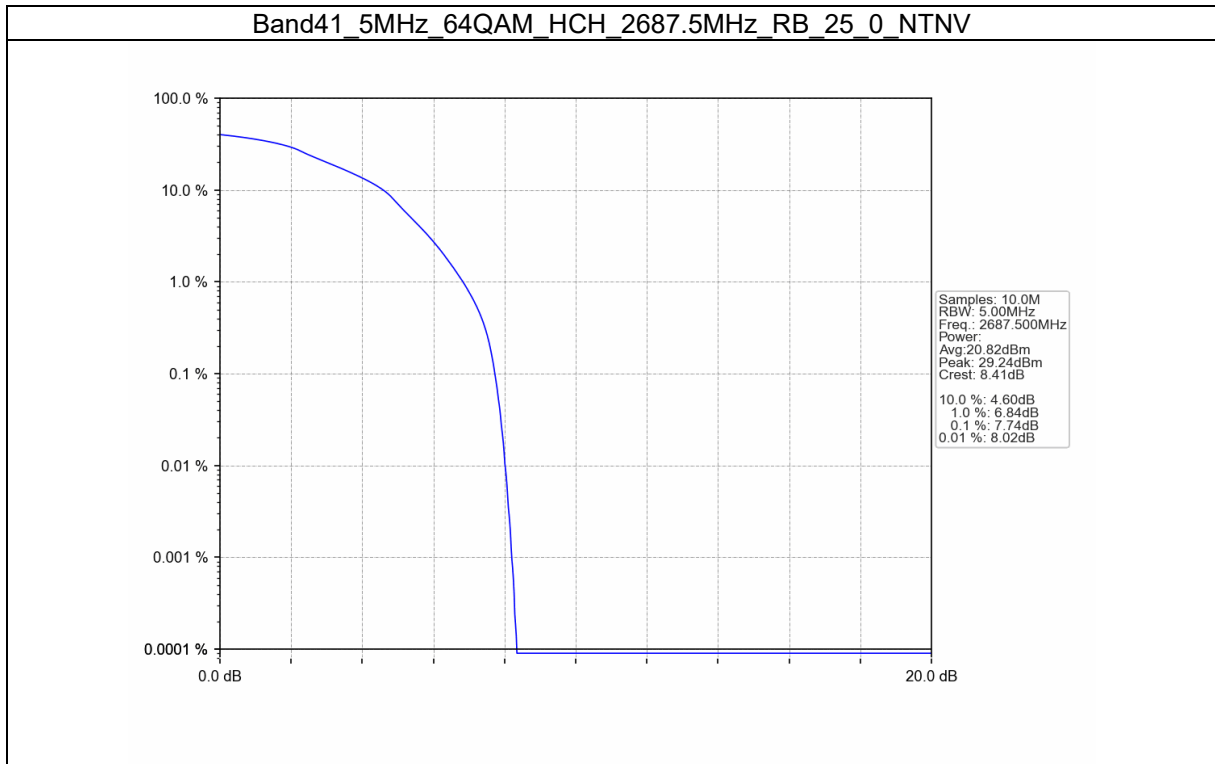


Band41_5MHz_64QAM_MCH_2593MHz_RB_25_0_NTNV

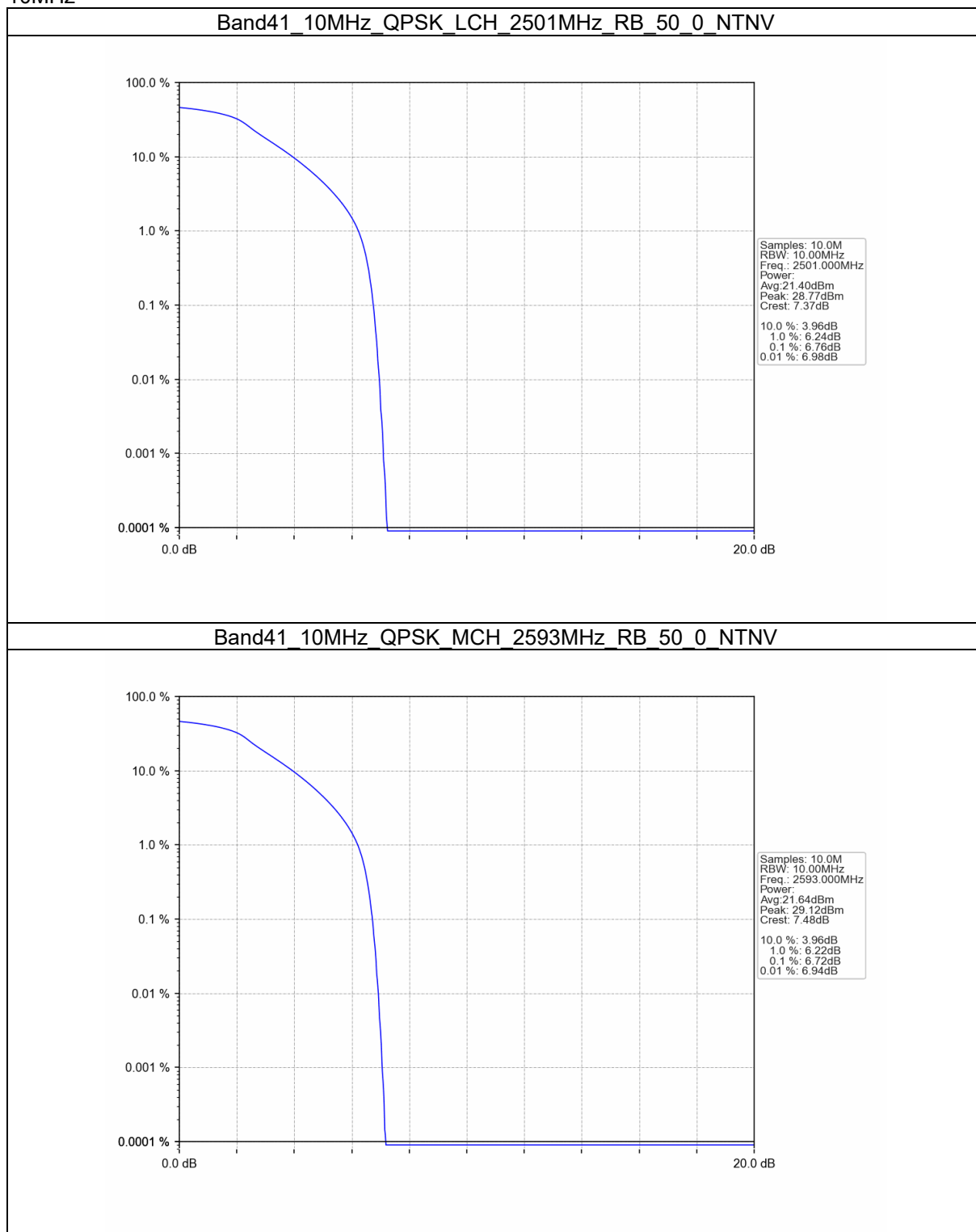




Test Report No.: RF260330B003

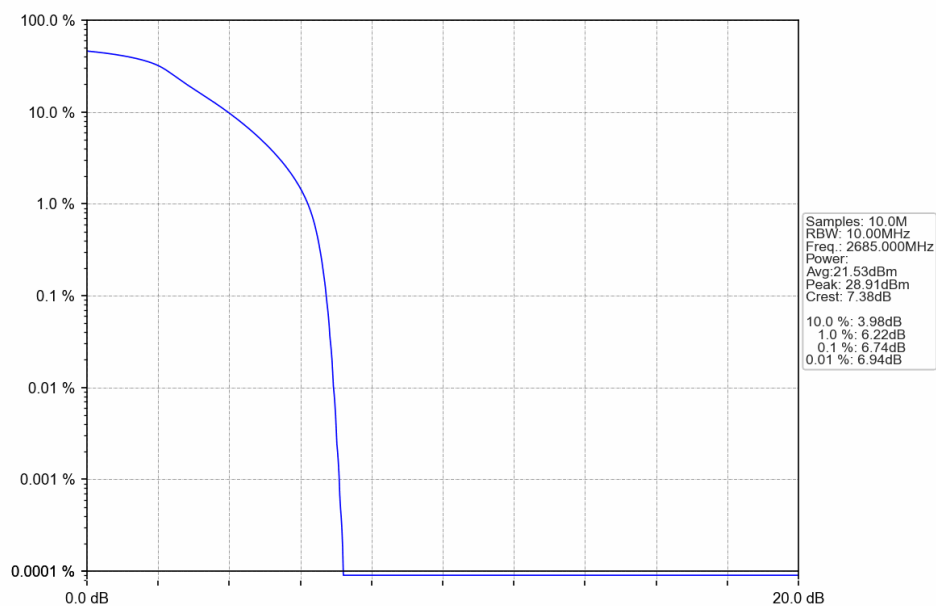


10MHz

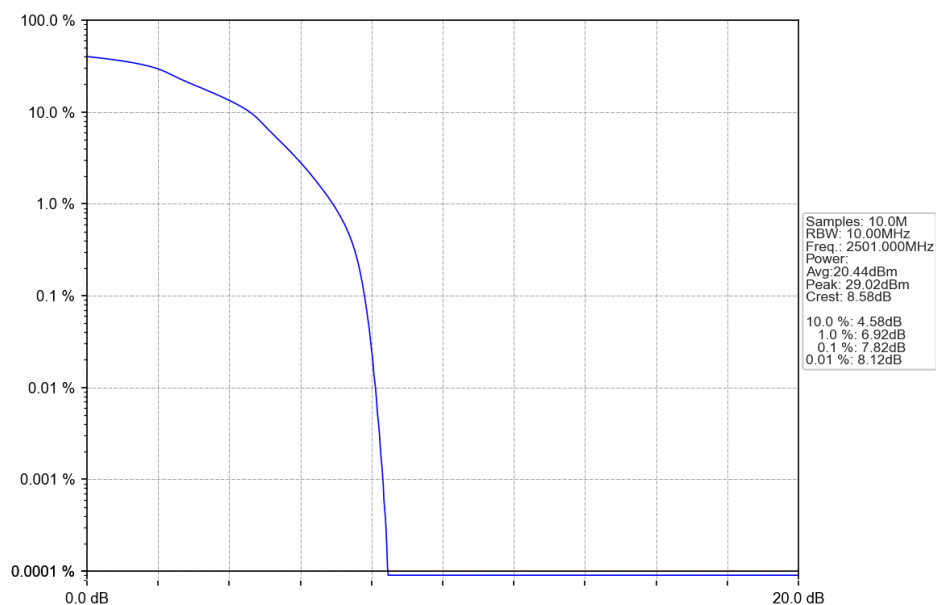


Test Report No.: RF260330B003

Band41_10MHz_QPSK_HCH_2685MHz_RB_50_0_NTNV

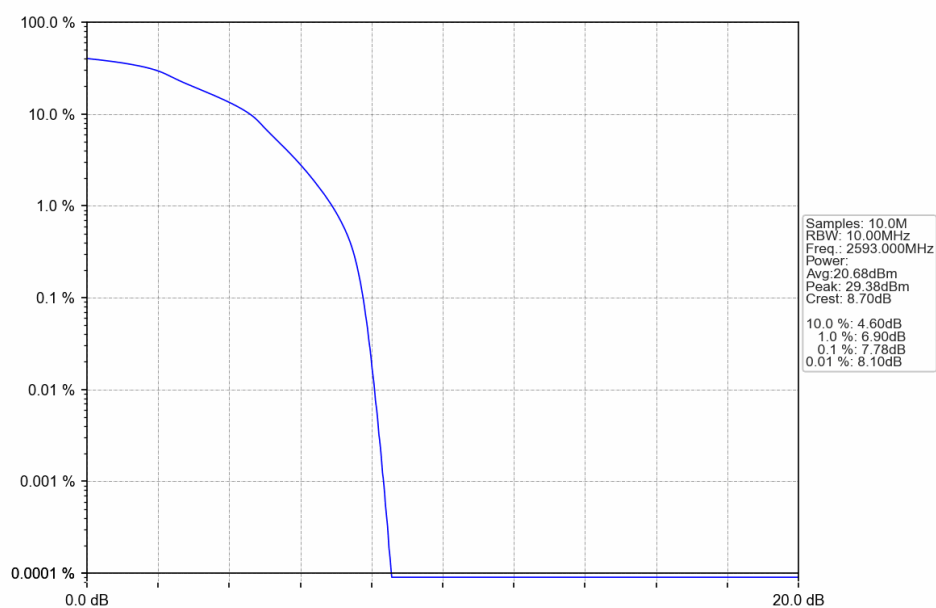


Band41_10MHz_16QAM_LCH_2501MHz_RB_50_0_NTNV

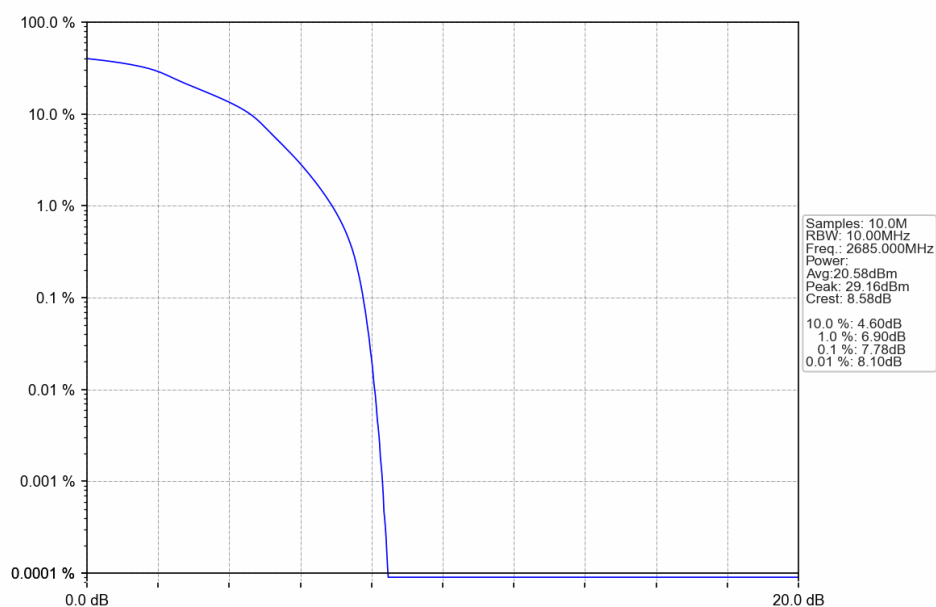


Test Report No.: RF260330B003

Band41_10MHz_16QAM_MCH_2593MHz_RB_50_0_NTNV

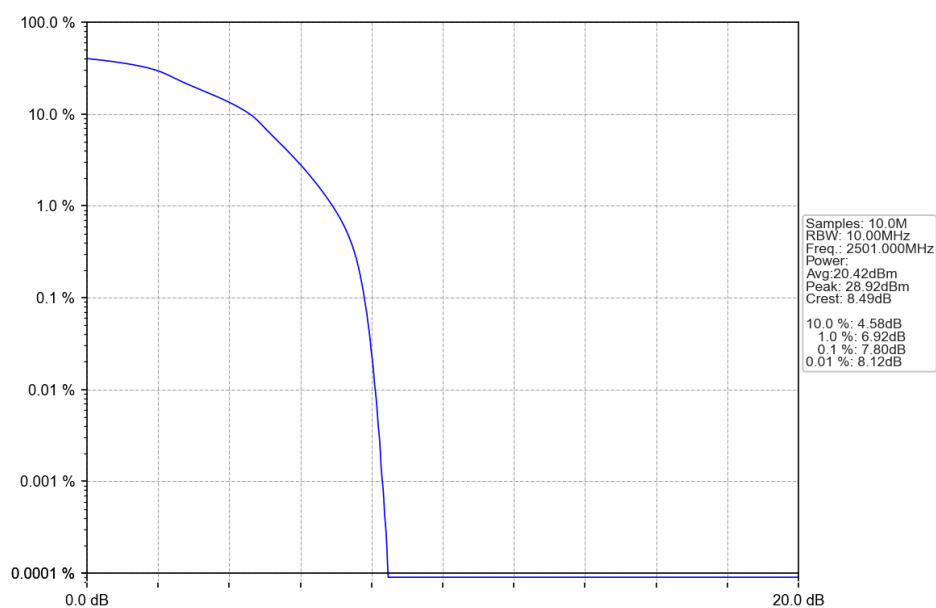


Band41_10MHz_16QAM_HCH_2685MHz_RB_50_0_NTNV

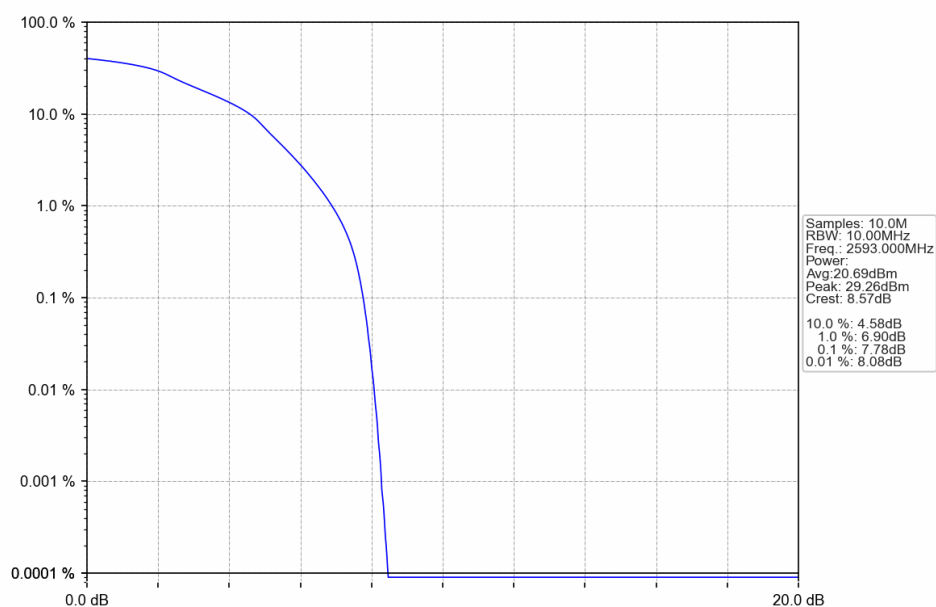


Test Report No.: RF260330B003

Band41_10MHz_64QAM_LCH_2501MHz_RB_50_0_NTNV

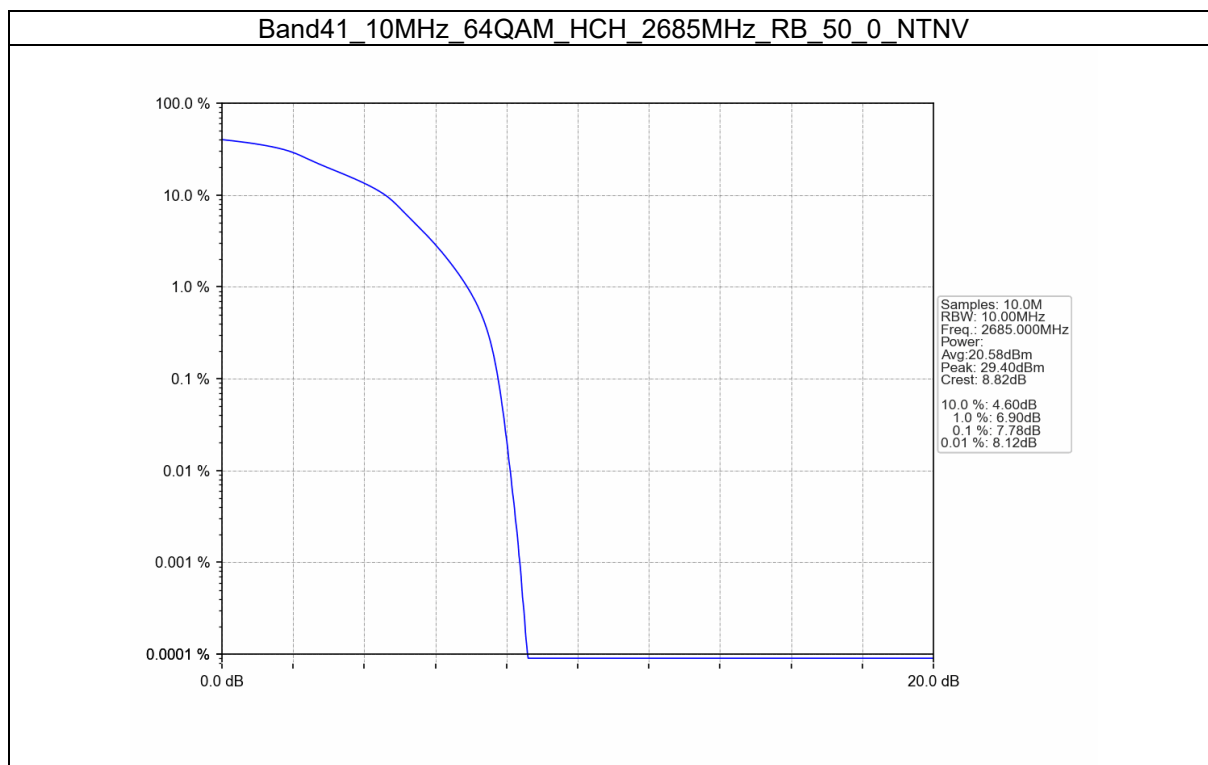


Band41_10MHz_64QAM_MCH_2593MHz_RB_50_0_NTNV





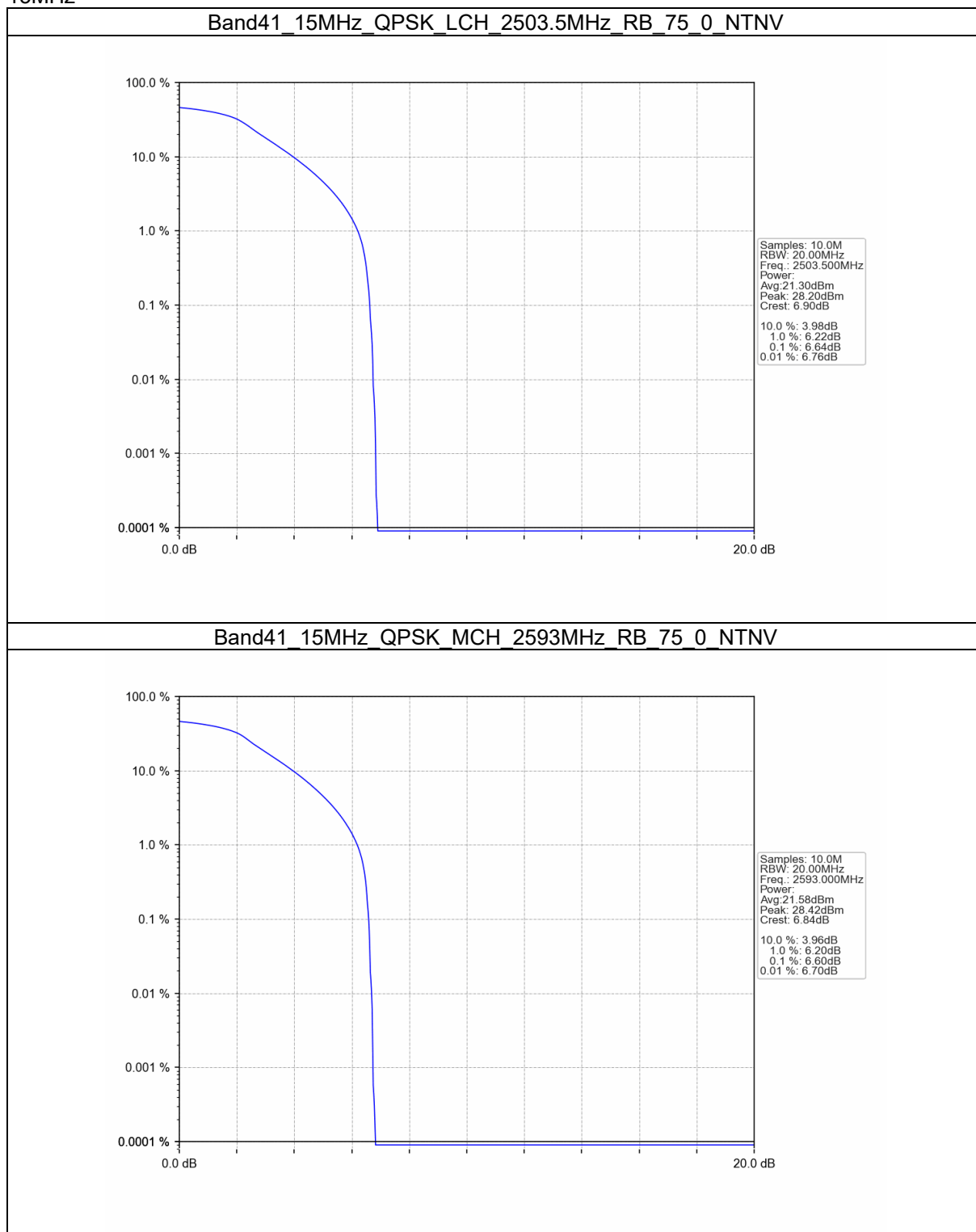
Test Report No.: RF260330B003





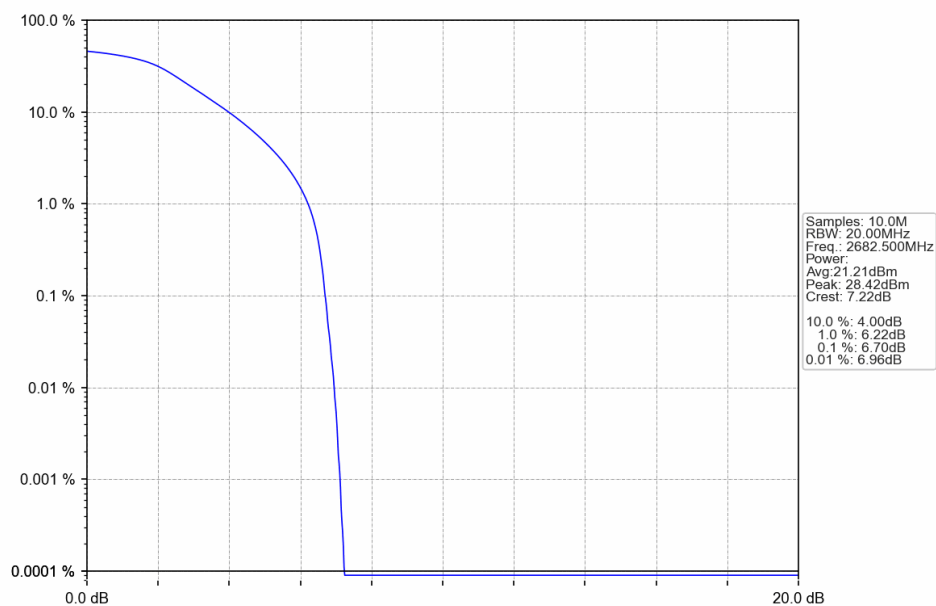
Test Report No.: RF260330B003

15MHz

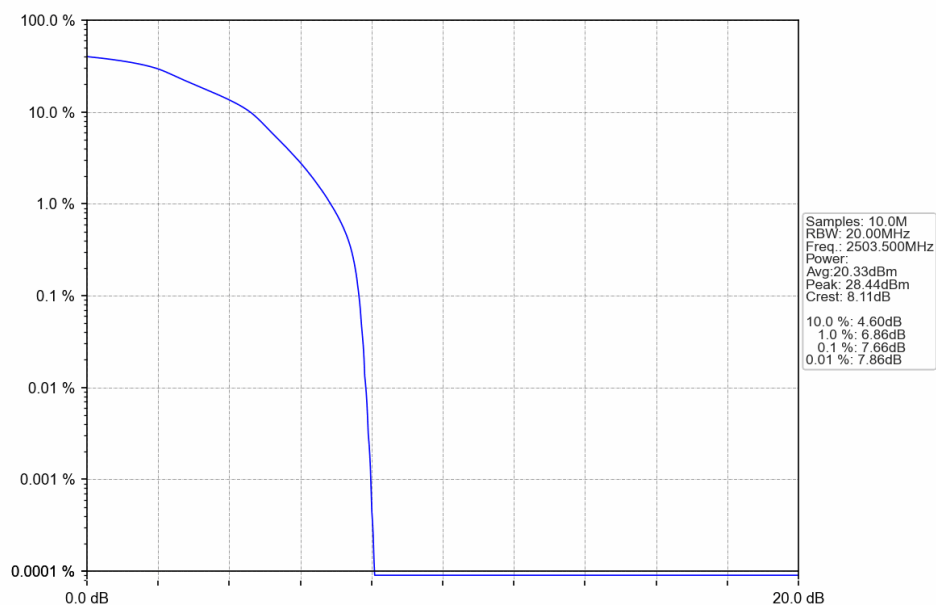


Test Report No.: RF260330B003

Band41_15MHz_QPSK_HCH_2682.5MHz_RB_75_0_NTNV



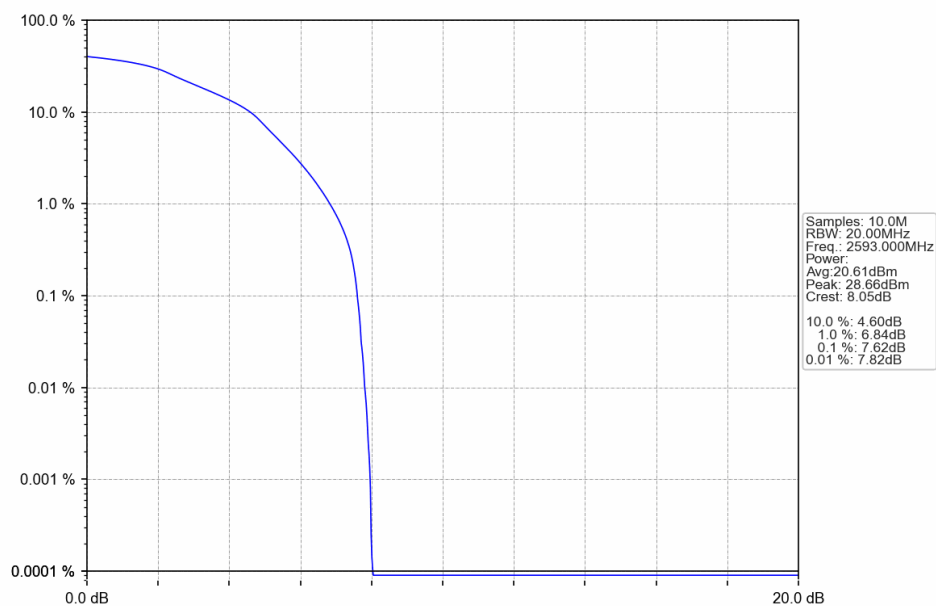
Band41_15MHz_16QAM_LCH_2503.5MHz_RB_75_0_NTNV



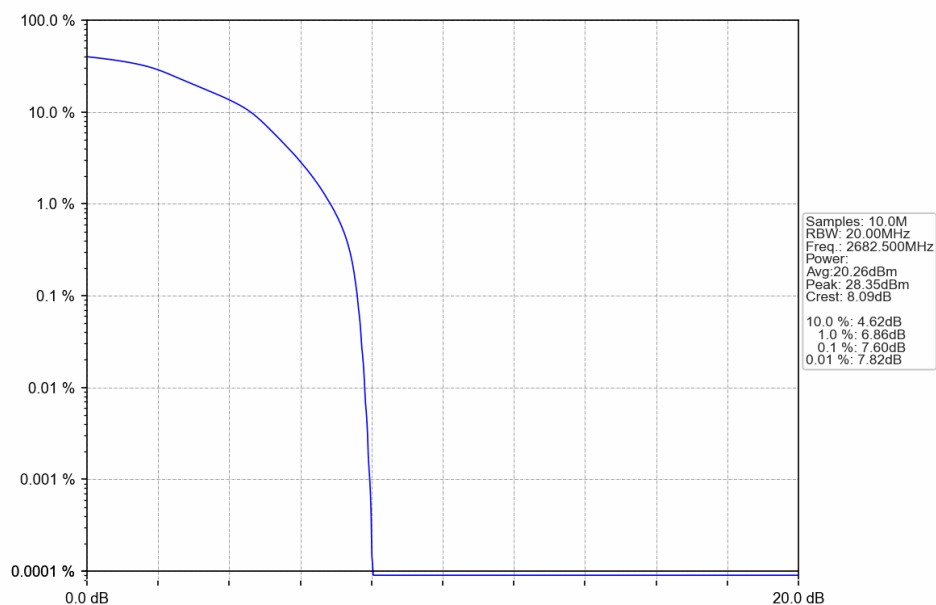


Test Report No.: RF260330B003

Band41_15MHz_16QAM_MCH_2593MHz_RB_75_0_NTNV



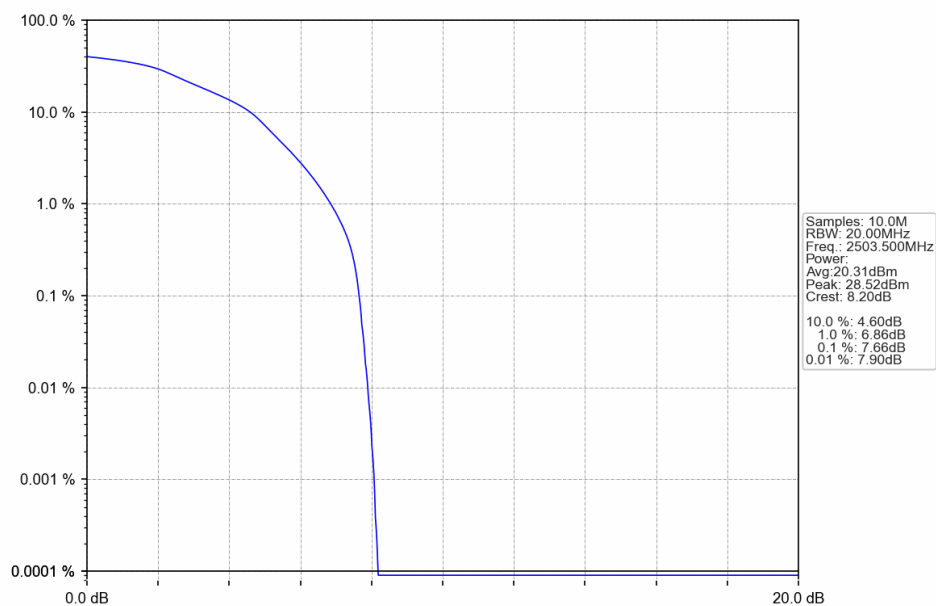
Band41_15MHz_16QAM_HCH_2682.5MHz_RB_75_0_NTNV



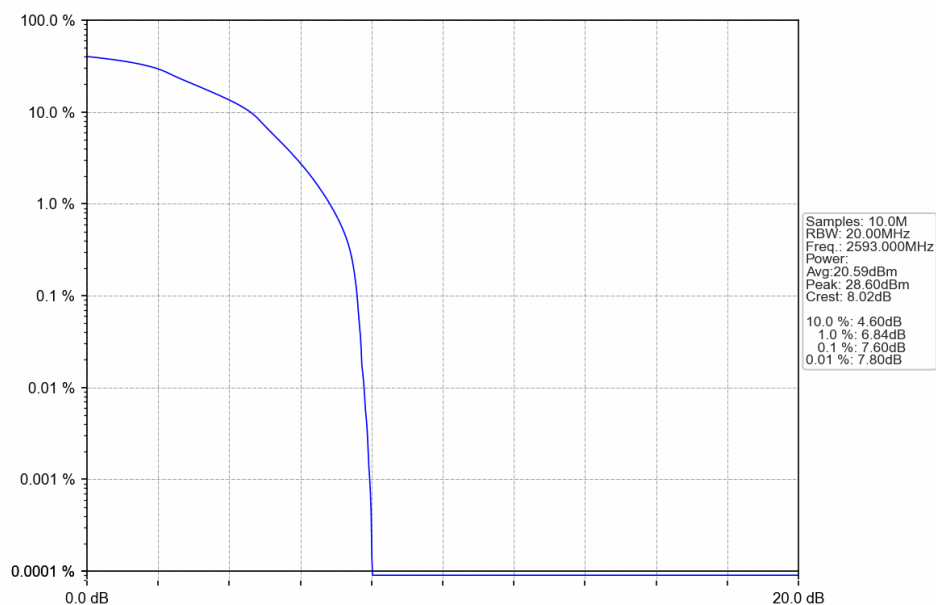


Test Report No.: RF260330B003

Band41_15MHz_64QAM_LCH_2503.5MHz_RB_75_0_NTNV

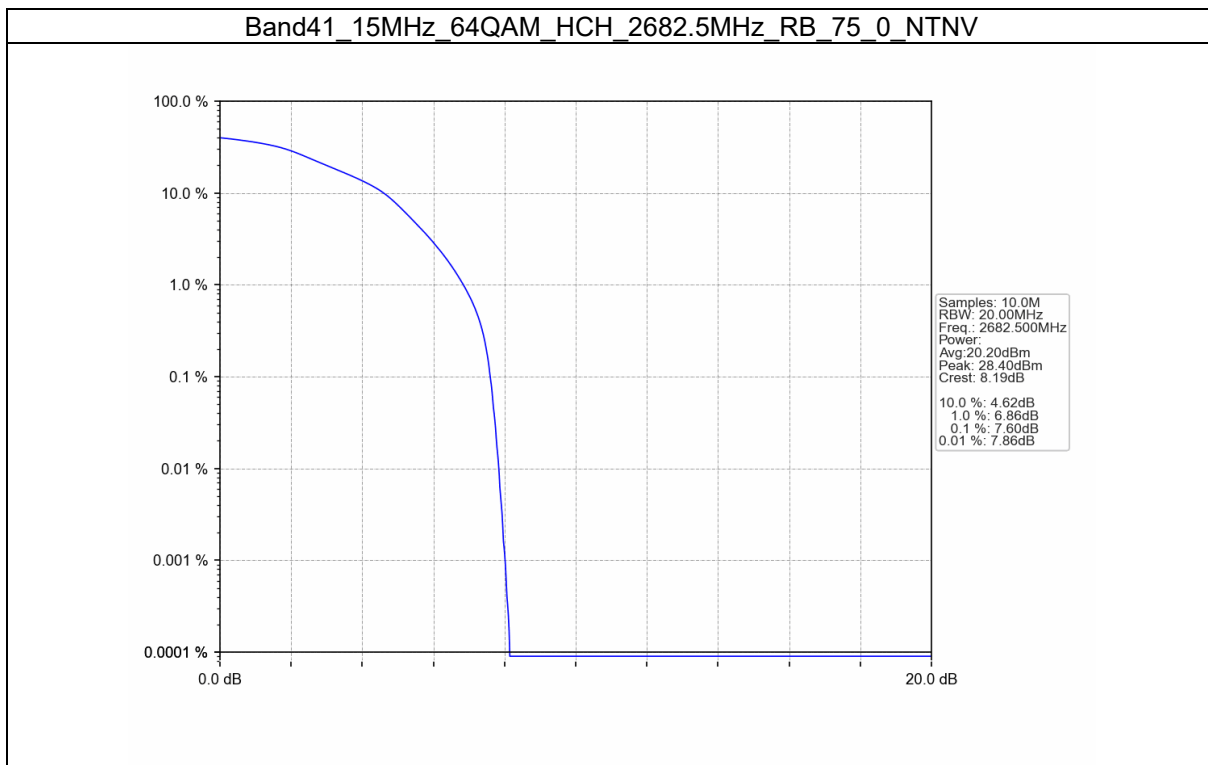


Band41_15MHz_64QAM_MCH_2593MHz_RB_75_0_NTNV





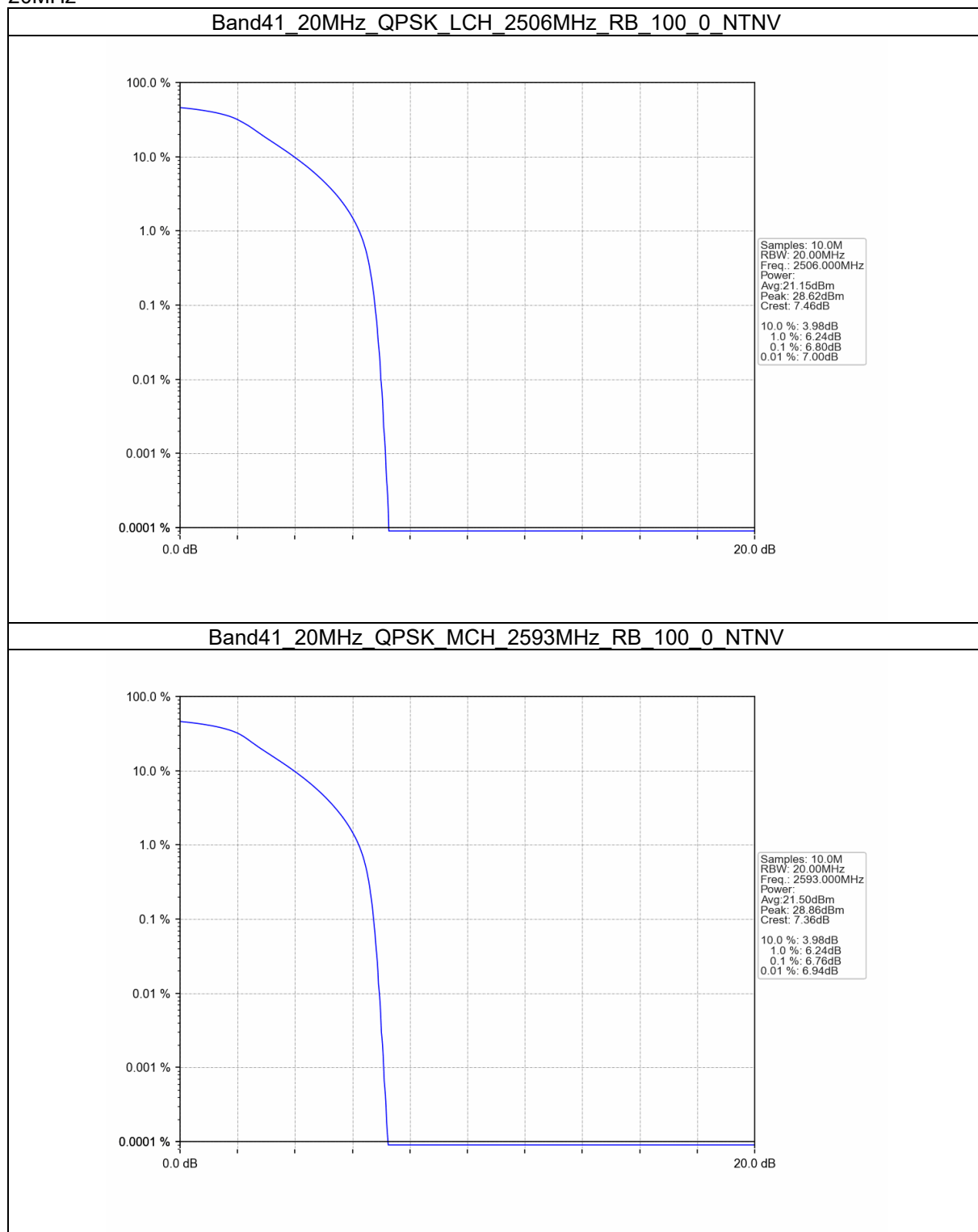
Test Report No.: RF260330B003





Test Report No.: RF260330B003

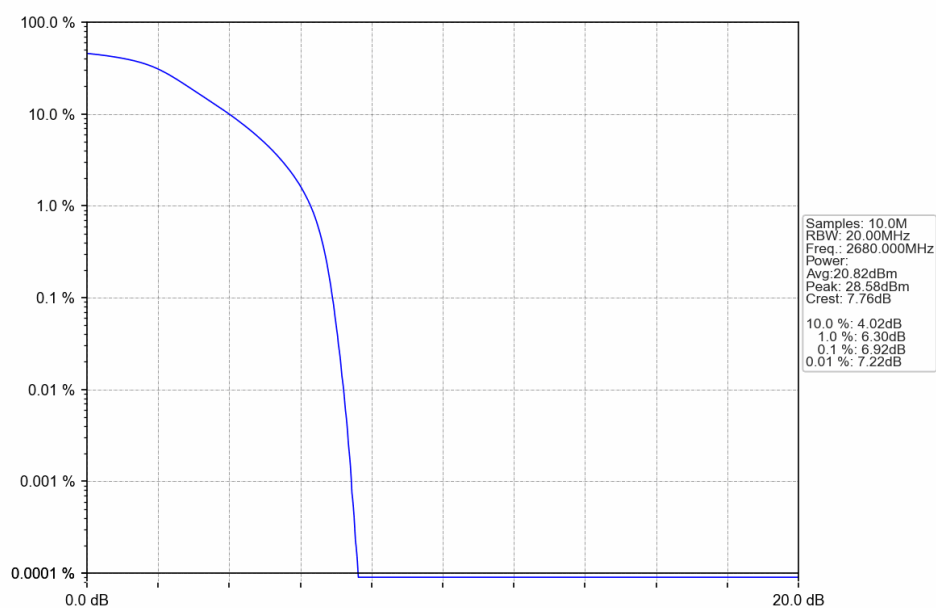
20MHz



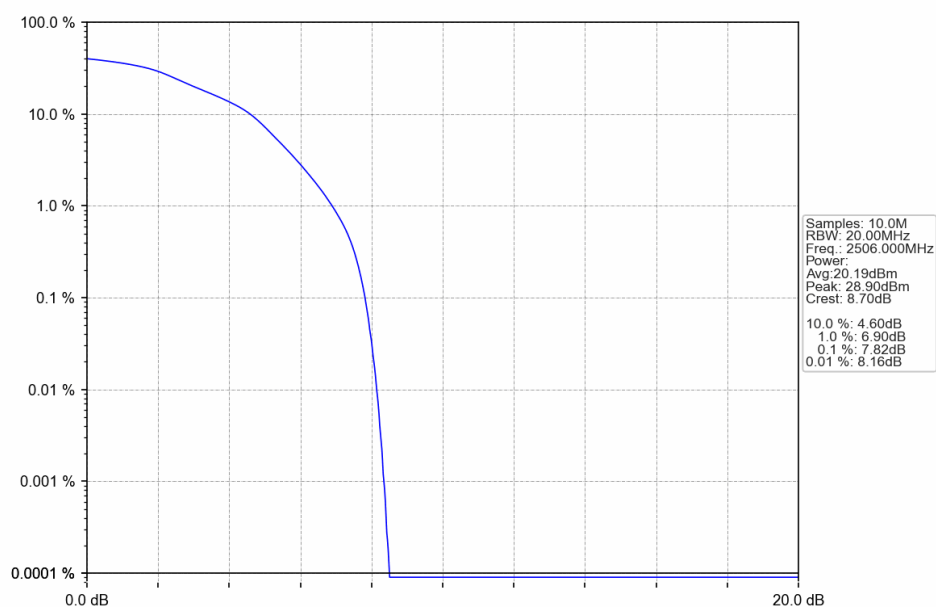


Test Report No.: RF260330B003

Band41_20MHz_QPSK_HCH_2680MHz_RB_100_0_NTNV



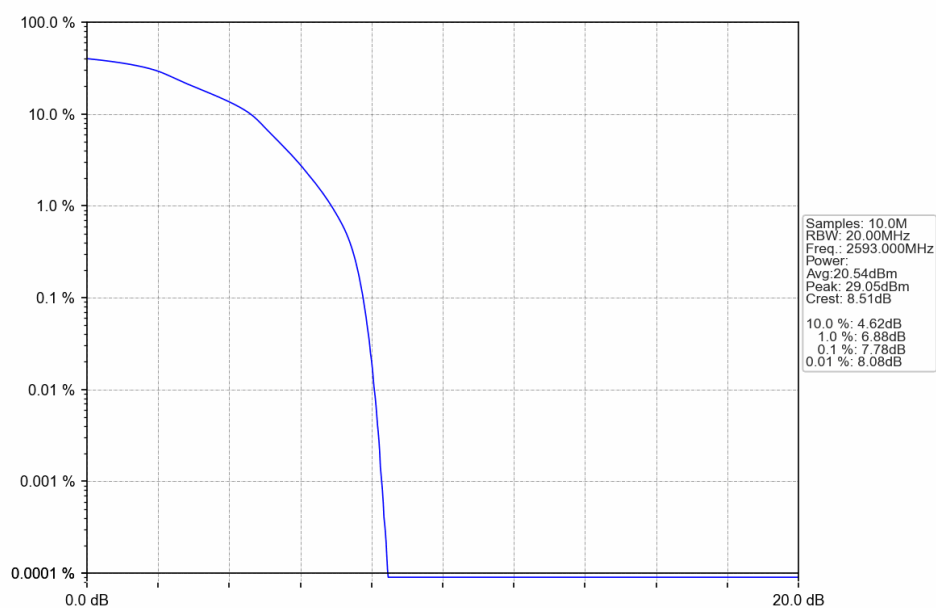
Band41_20MHz_16QAM_LCH_2506MHz_RB_100_0_NTNV



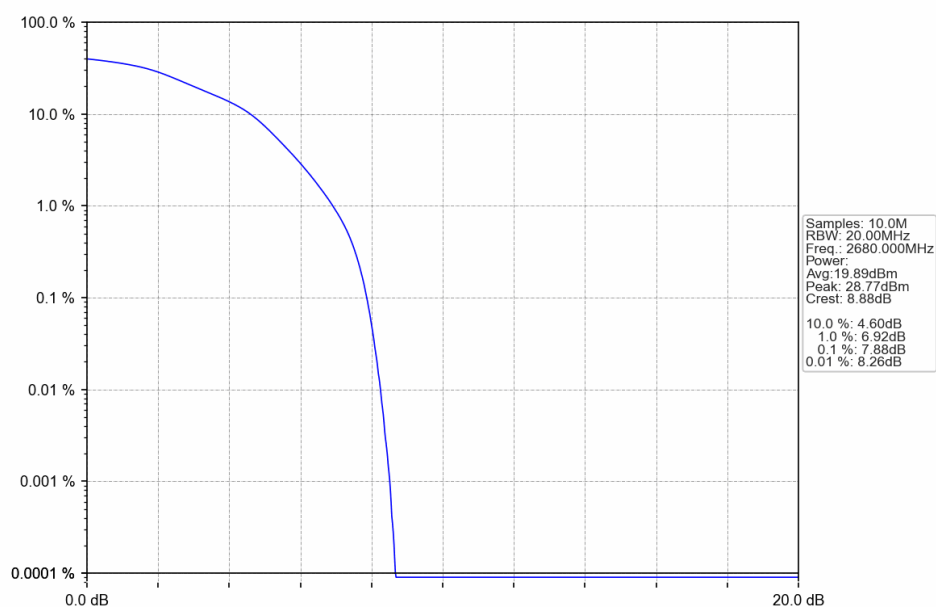


Test Report No.: RF260330B003

Band41_20MHz_16QAM_MCH_2593MHz_RB_100_0_NTNV

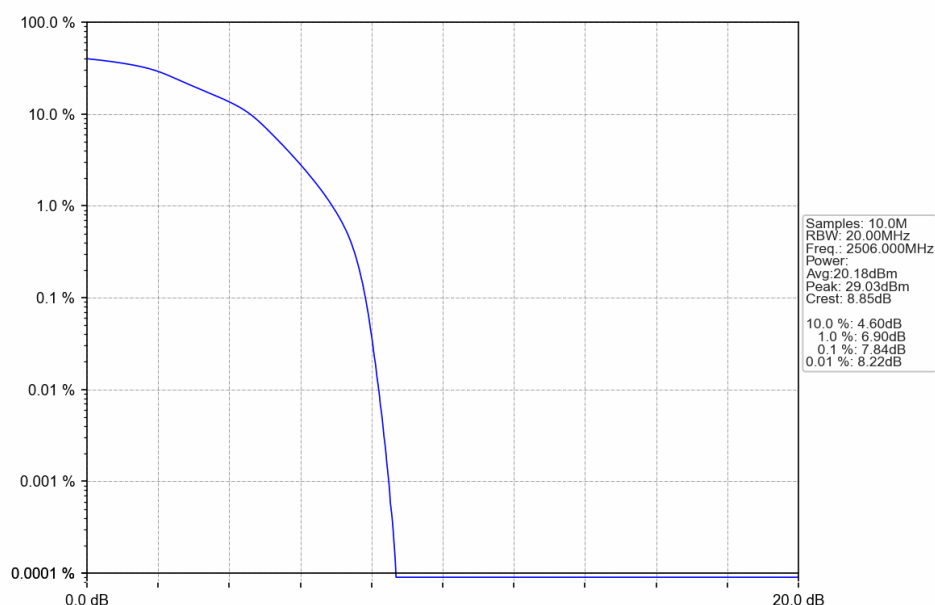


Band41_20MHz_16QAM_HCH_2680MHz_RB_100_0_NTNV

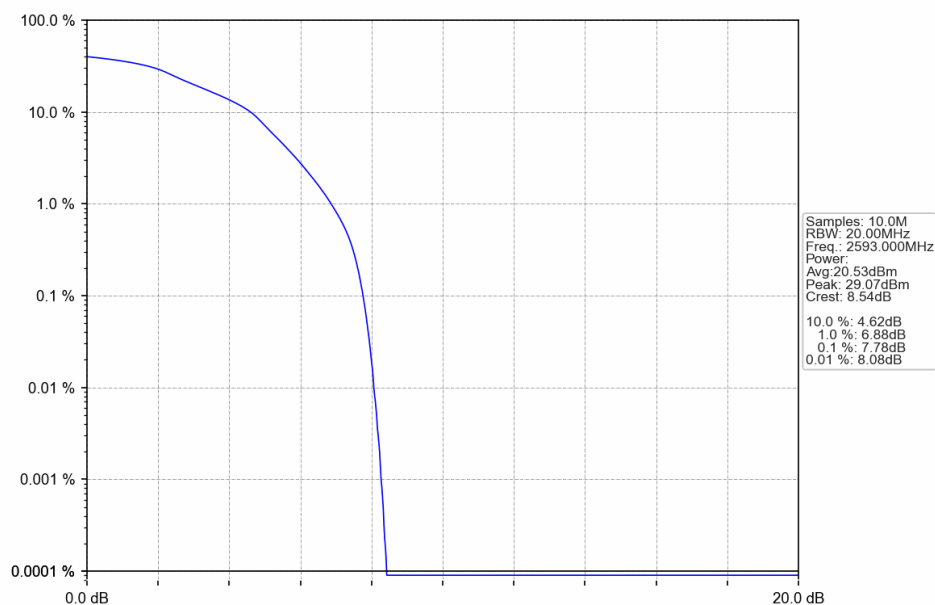


Test Report No.: RF260330B003

Band41_20MHz_64QAM_LCH_2506MHz_RB_100_0_NTNV

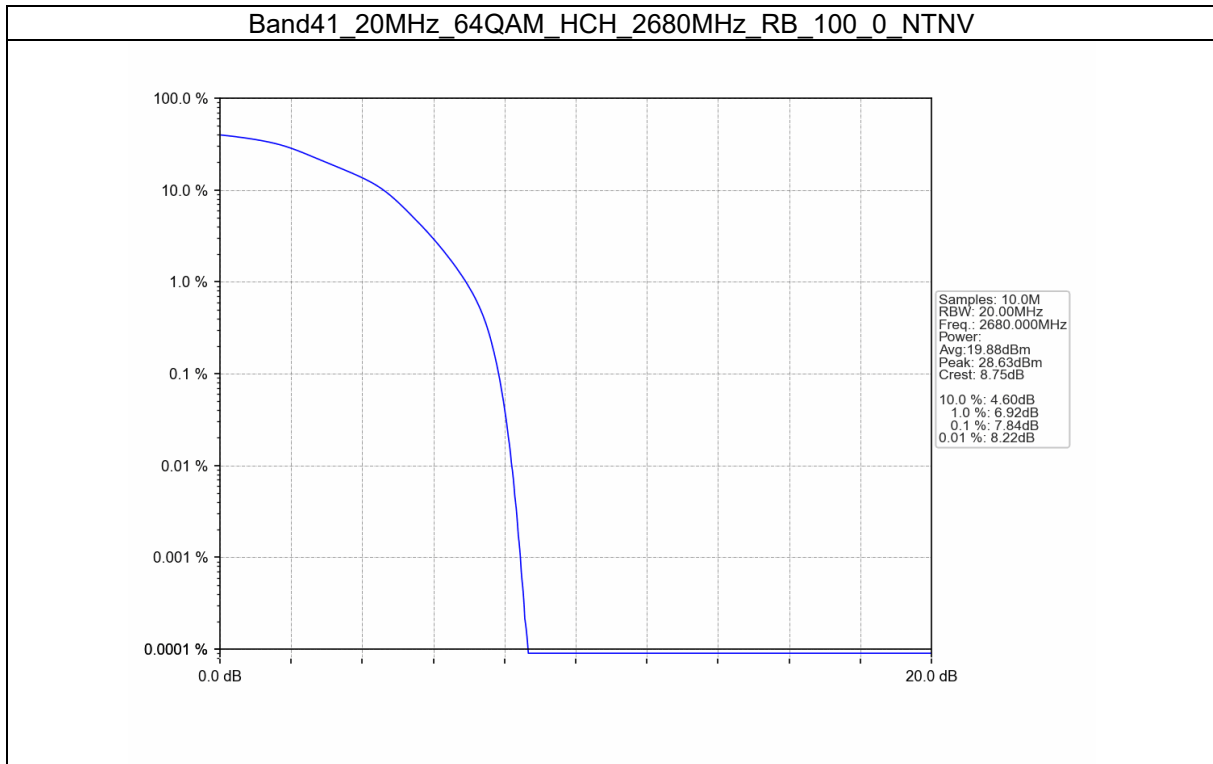


Band41_20MHz_64QAM_MCH_2593MHz_RB_100_0_NTNV





Test Report No.: RF260330B003





Test Report No.: RF260330B003

BAND EDGE AND SPURIOUS EMISSION

Test Result

5MHz

Band: 41 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2498.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
16QAM	2498.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
64QAM	2498.5	1	0	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2687.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

10MHz

Band: 41 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	2501	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2685	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
16QAM	2501	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2685	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
64QAM	2501	1	0	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass
	2593	1	0	Refer To Test Graph	Pass
	2685	1	0	Refer To Test Graph	Pass
			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass



Test Report No.: RF260330B003

15MHz

Band: 41 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2682.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2682.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
64QAM	2503.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2682.5	1	74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

20MHz

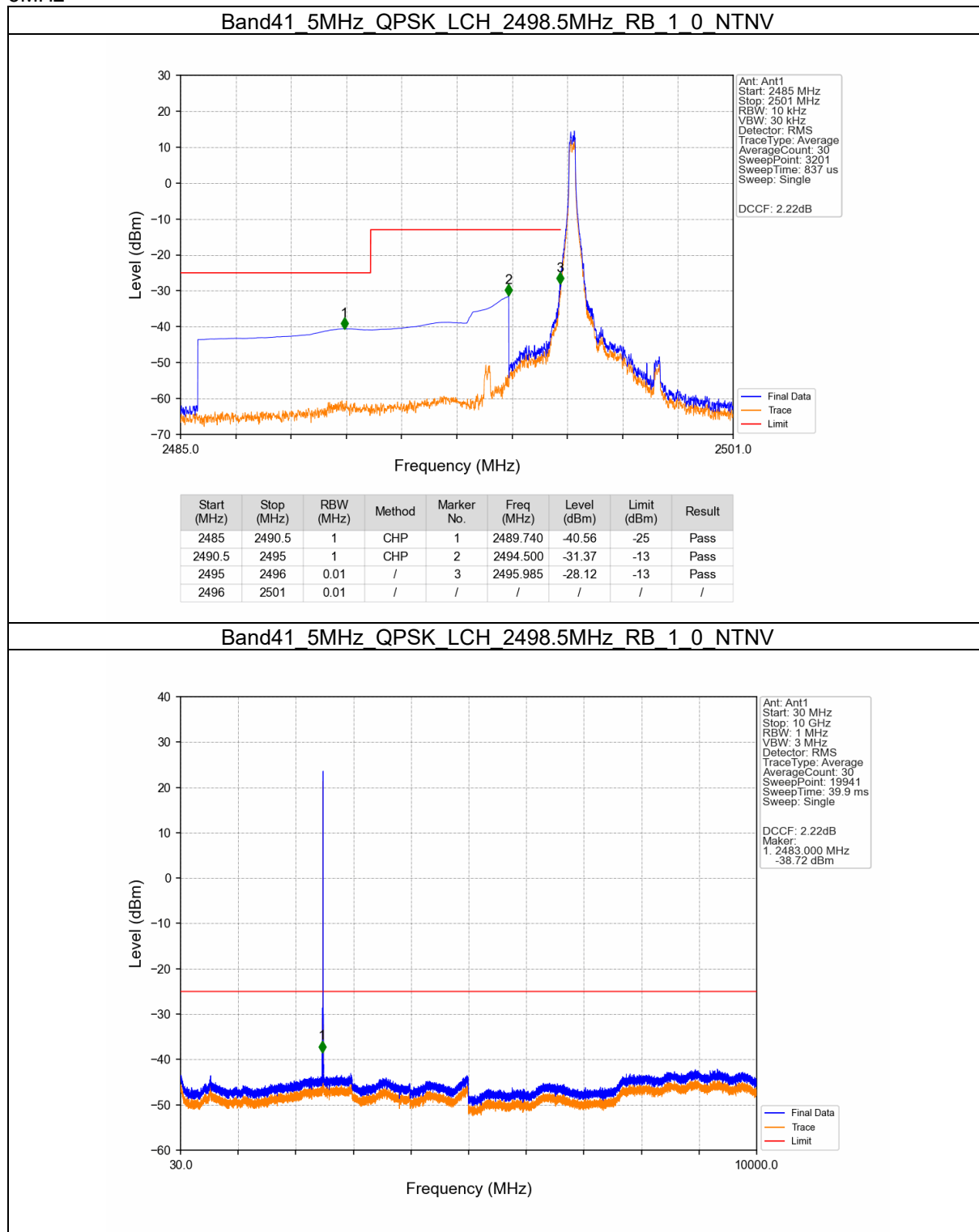
Band: 41 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2680	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2680	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
64QAM	2506	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2593	1	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
	2680	1	99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass



Test Report No.: RF260330B003

Test Graph

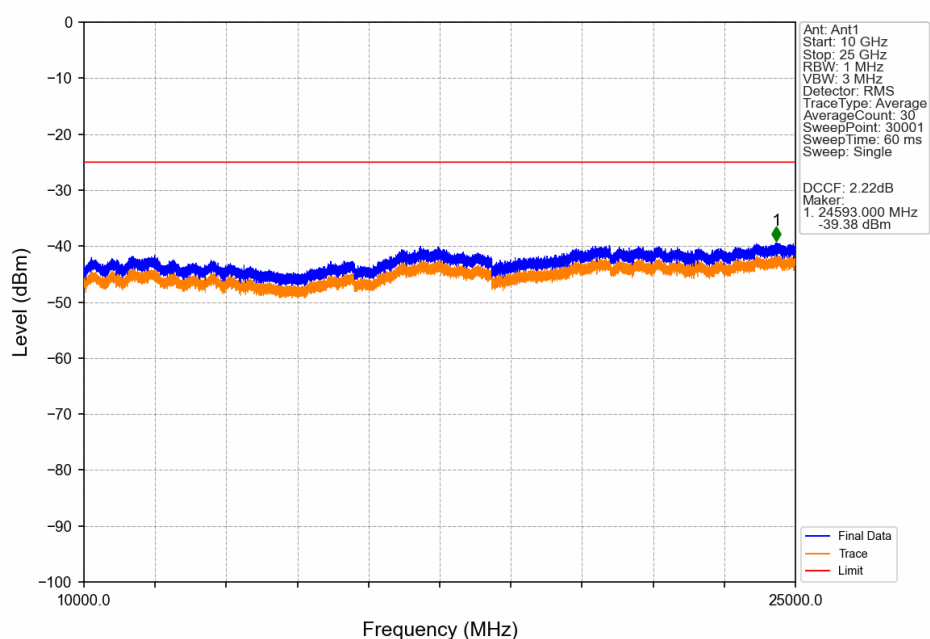
5MHz



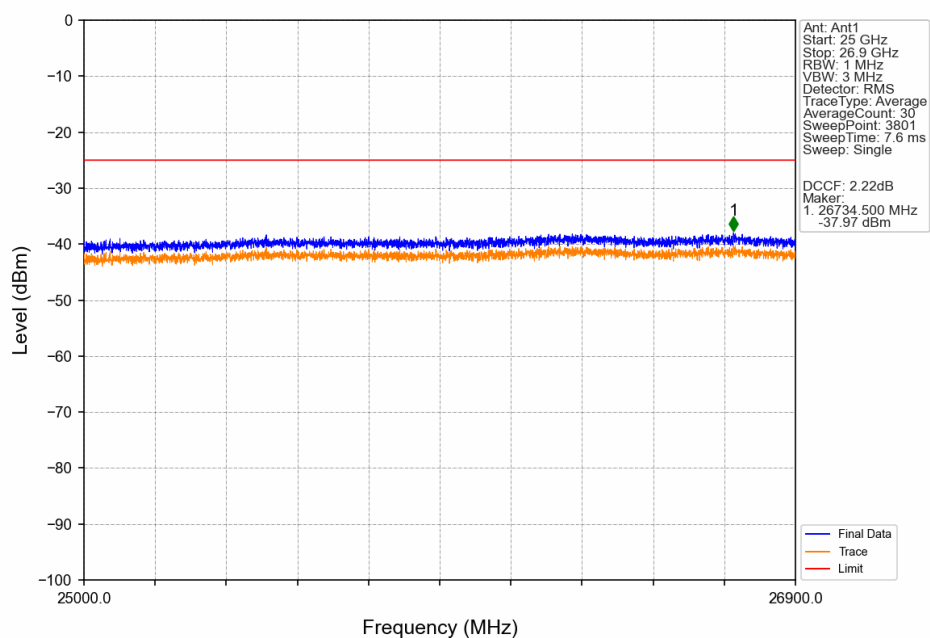


Test Report No.: RF260330B003

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV



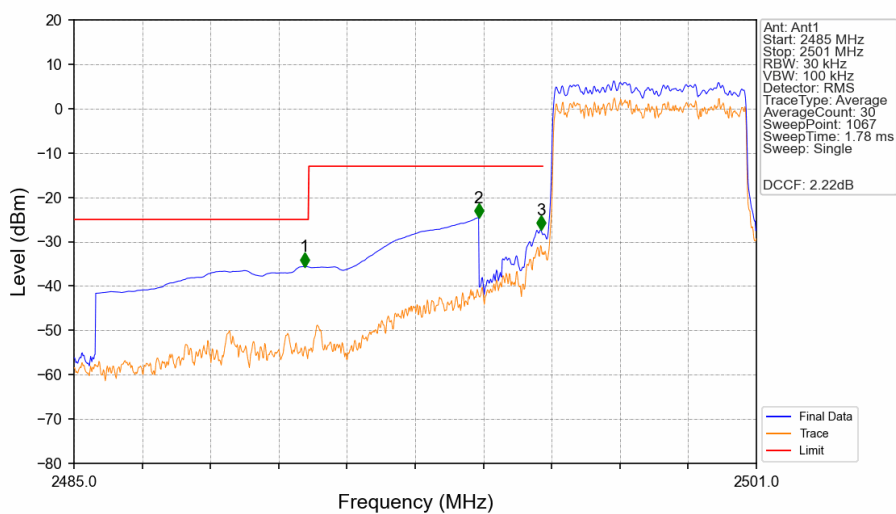
Band41_5MHz_QPSK_LCH_2498.5MHz_RB_1_0_NTNV





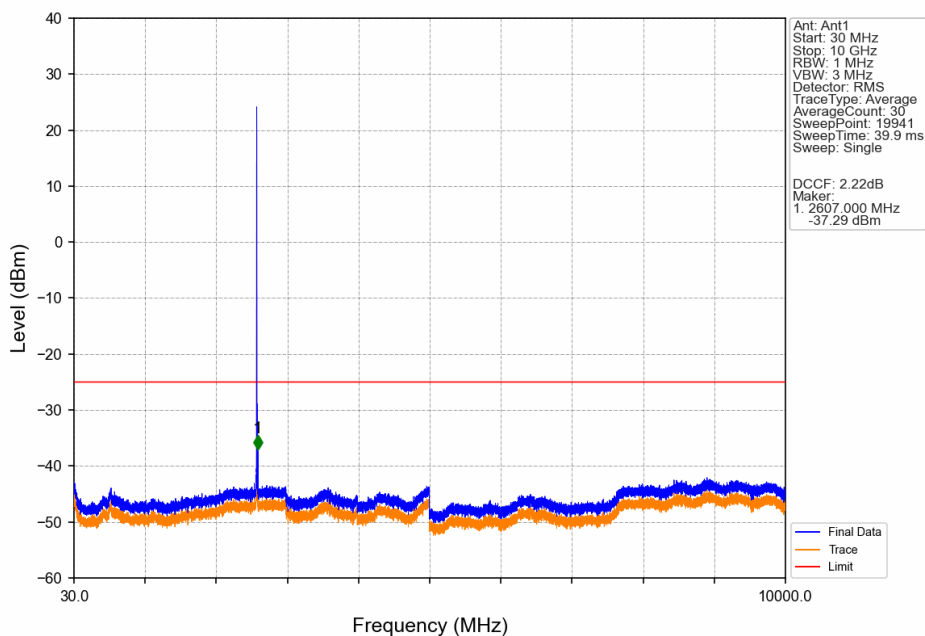
Test Report No.: RF260330B003

Band41_5MHz_QPSK_LCH_2498.5MHz_RB_25_0_NTNV



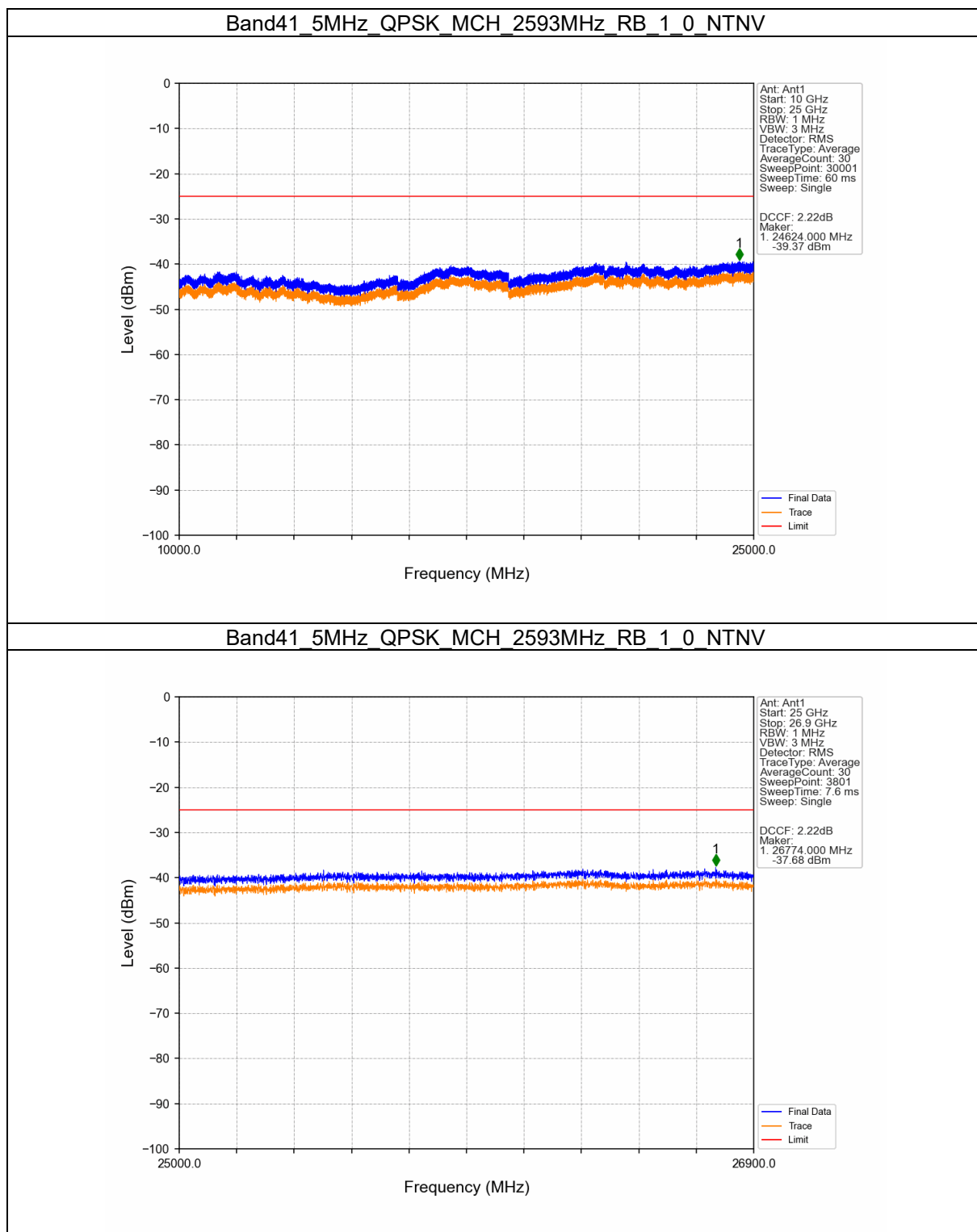
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.403	-35.59	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-24.55	-13	Pass
2495	2496	0.053	CHP	3	2495.942	-27.34	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

Band41_5MHz_QPSK_MCH_2593MHz_RB_1_0_NTNV





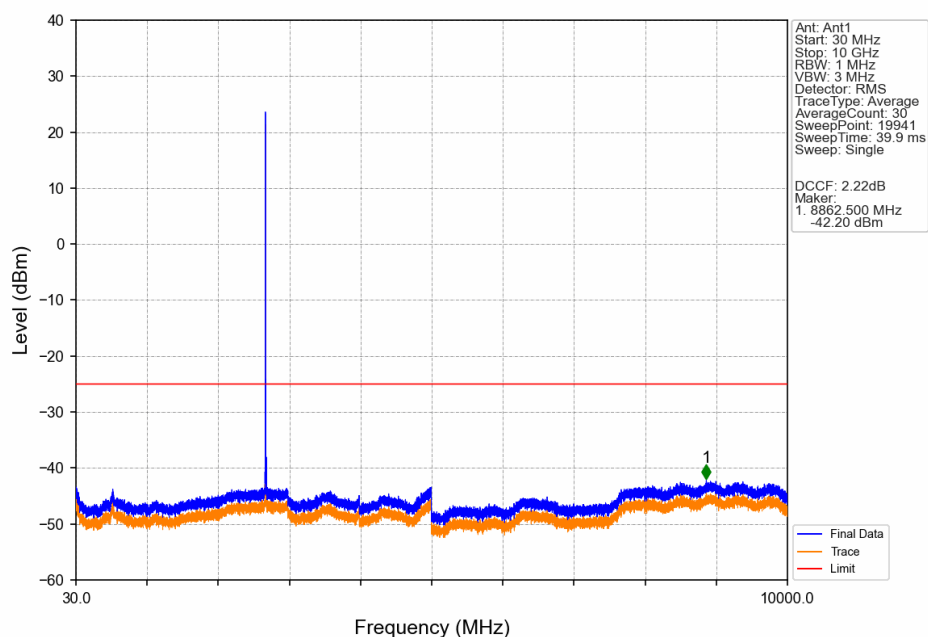
Test Report No.: RF260330B003



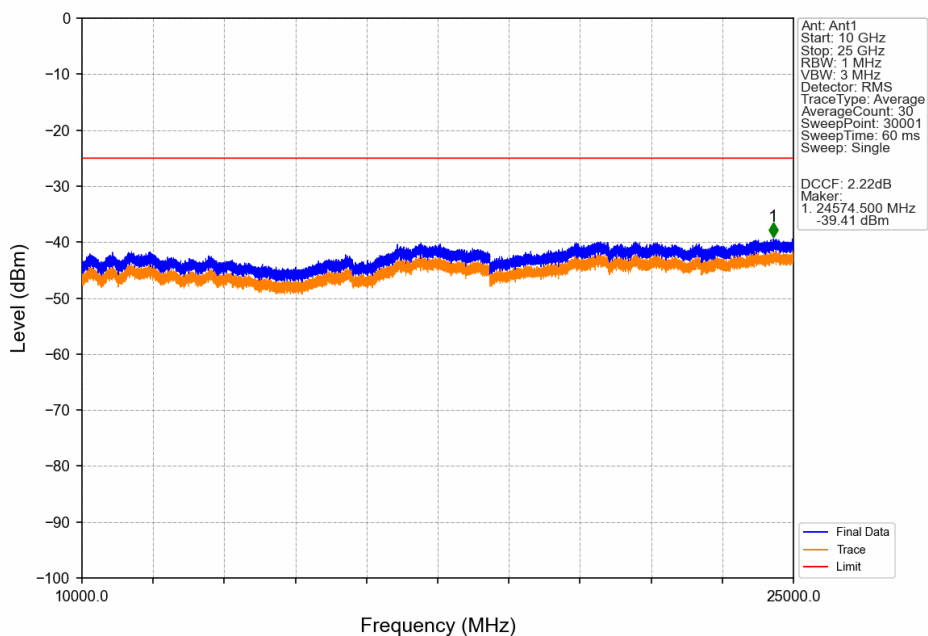


Test Report No.: RF260330B003

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV

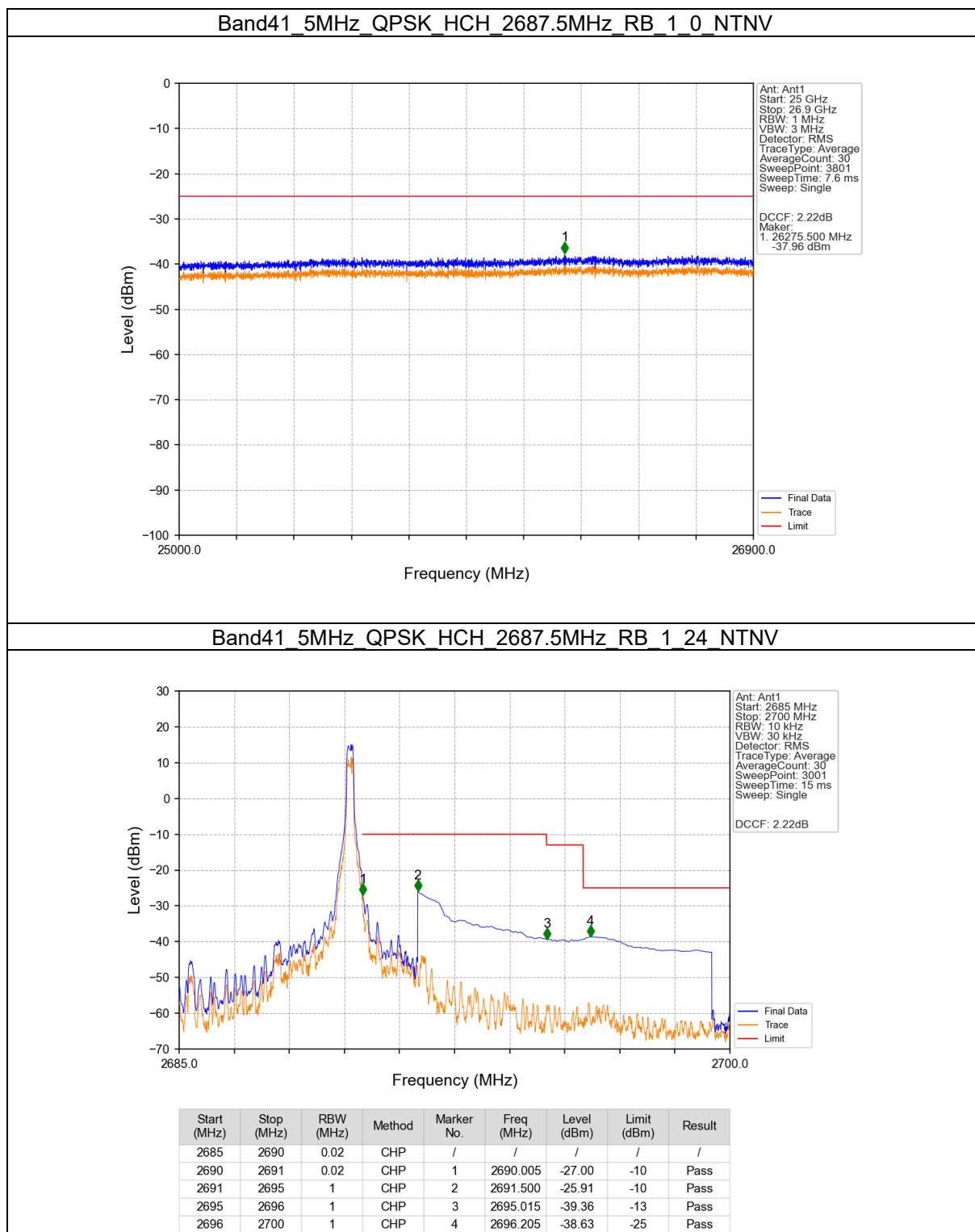


Band41_5MHz_QPSK_HCH_2687.5MHz_RB_1_0_NTNV





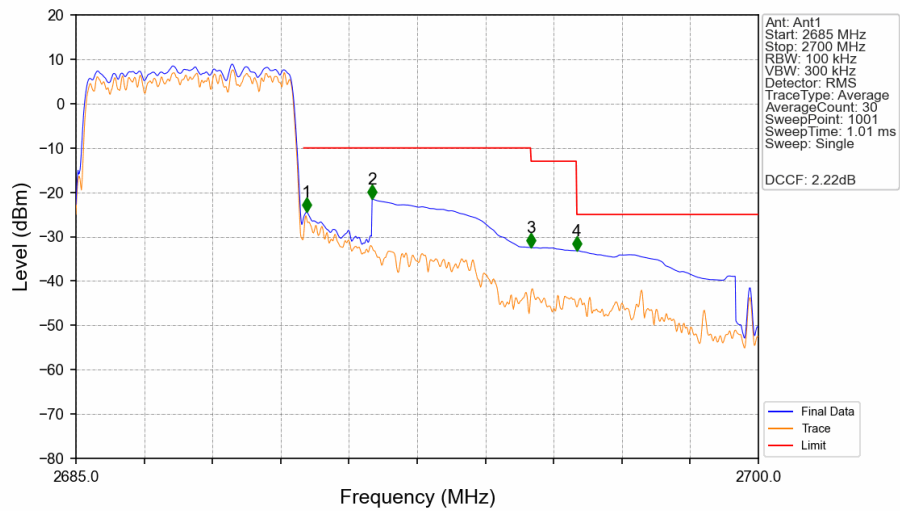
Test Report No.: RF260330B003





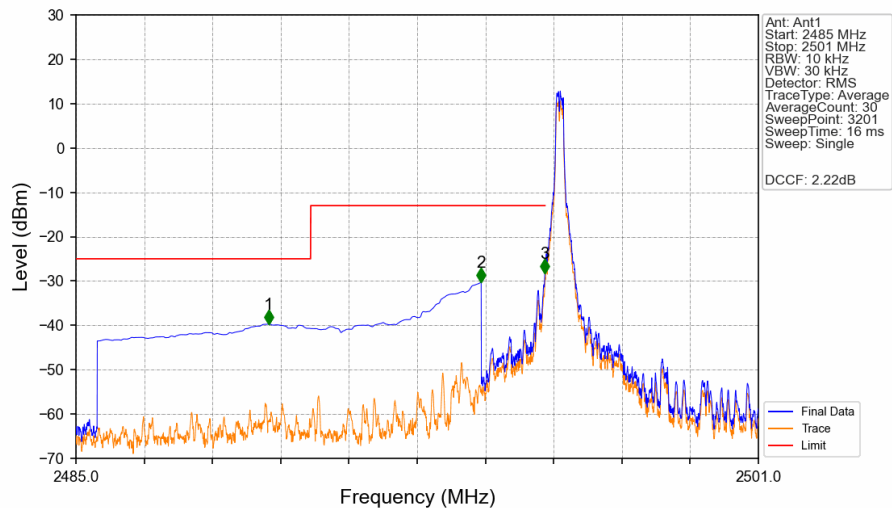
Test Report No.: RF260330B003

Band41_5MHz_QPSK_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.108	CHP	/	/	/	/	/
2690	2691	0.108	CHP	1	2690.070	-24.47	-10	Pass
2691	2695	1	CHP	2	2691.510	-21.52	-10	Pass
2695	2696	1	CHP	3	2695.005	-32.46	-13	Pass
2696	2700	1	CHP	4	2696.010	-33.18	-25	Pass

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

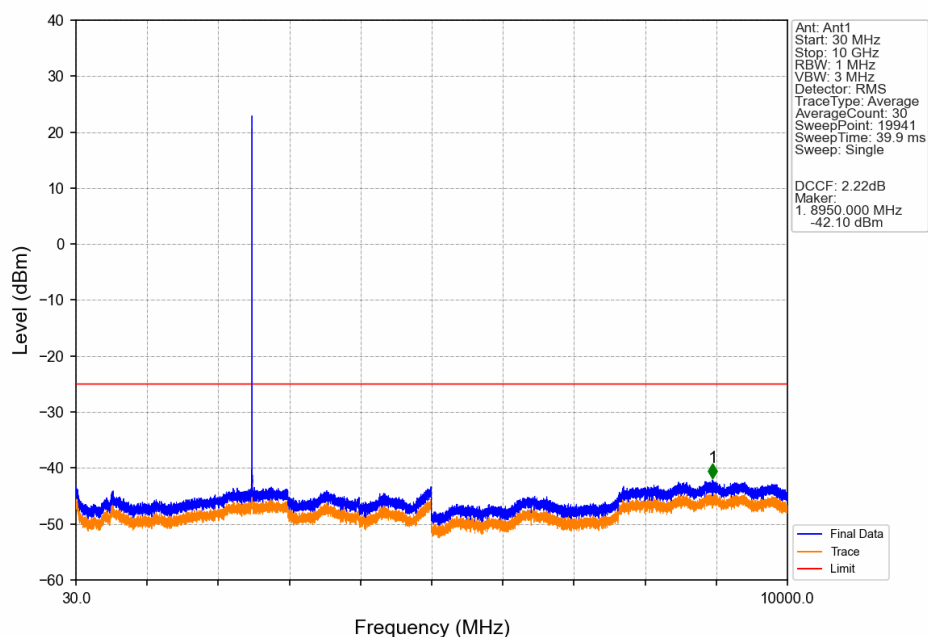


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2489.515	-39.72	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-30.26	-13	Pass
2495	2496	0.01	/	3	2495.995	-28.22	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

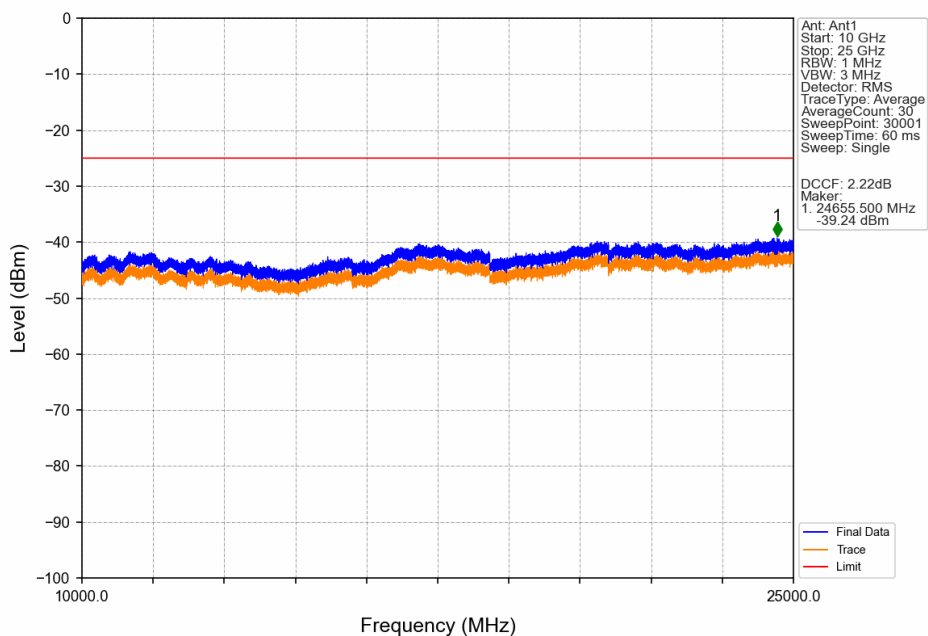


Test Report No.: RF260330B003

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

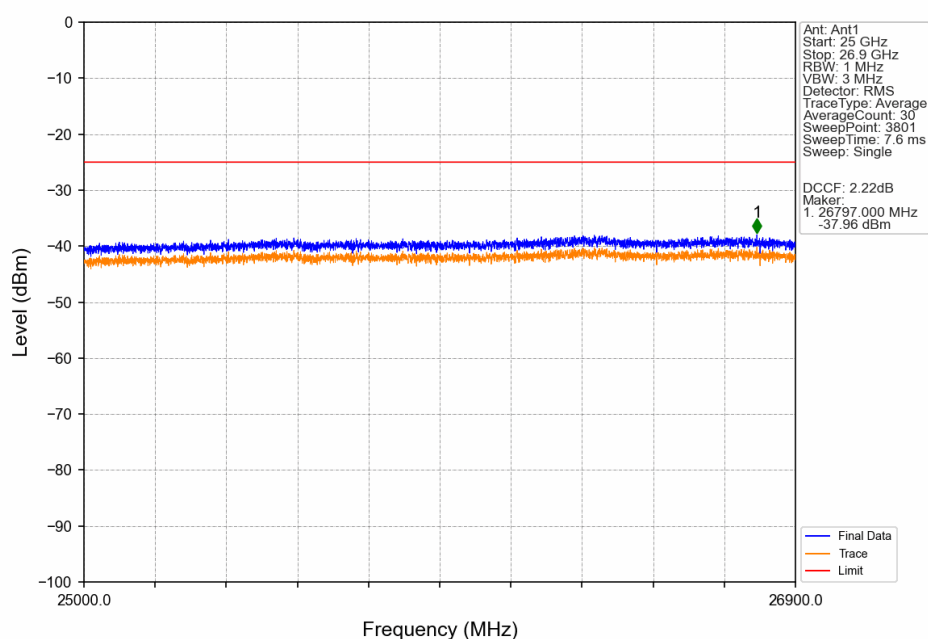


Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV

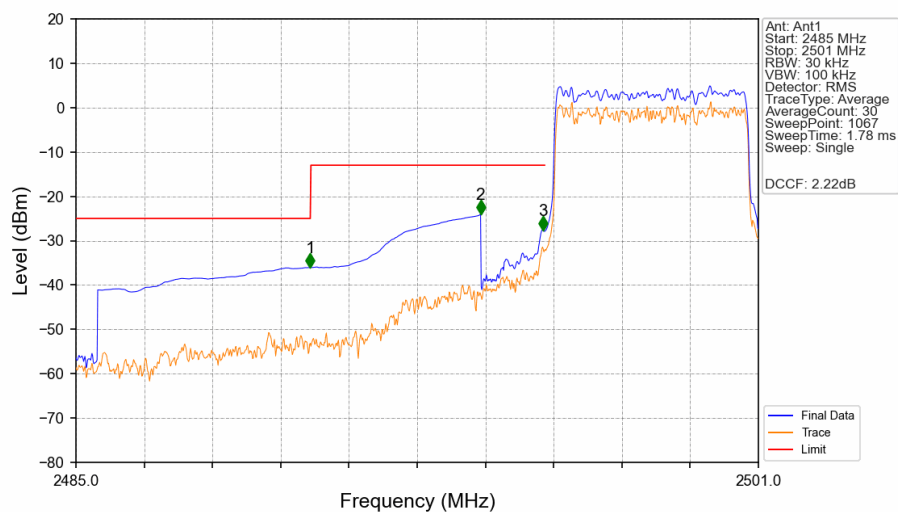


Test Report No.: RF260330B003

Band41_5MHz_16QAM_LCH_2498.5MHz_RB_1_0_NTNV



Band41_5MHz_16QAM_LCH_2498.5MHz_RB_25_0_NTNV

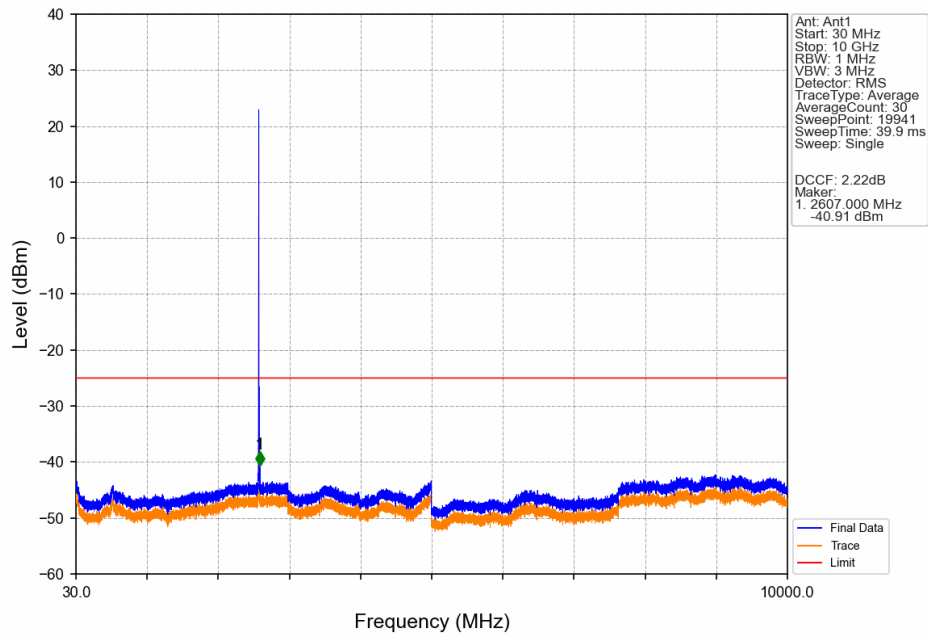


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2490.5	1	CHP	1	2490.493	-36.06	-25	Pass
2490.5	2495	1	CHP	2	2494.486	-24.09	-13	Pass
2495	2496	0.053	CHP	3	2495.942	-27.60	-13	Pass
2496	2501	0.053	CHP	/	/	/	/	/

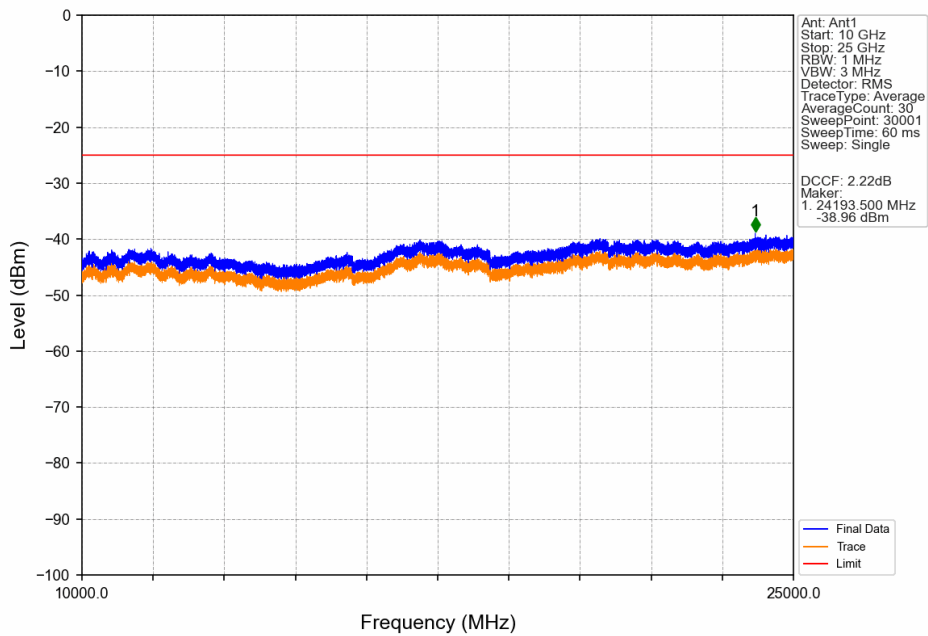


Test Report No.: RF260330B003

Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



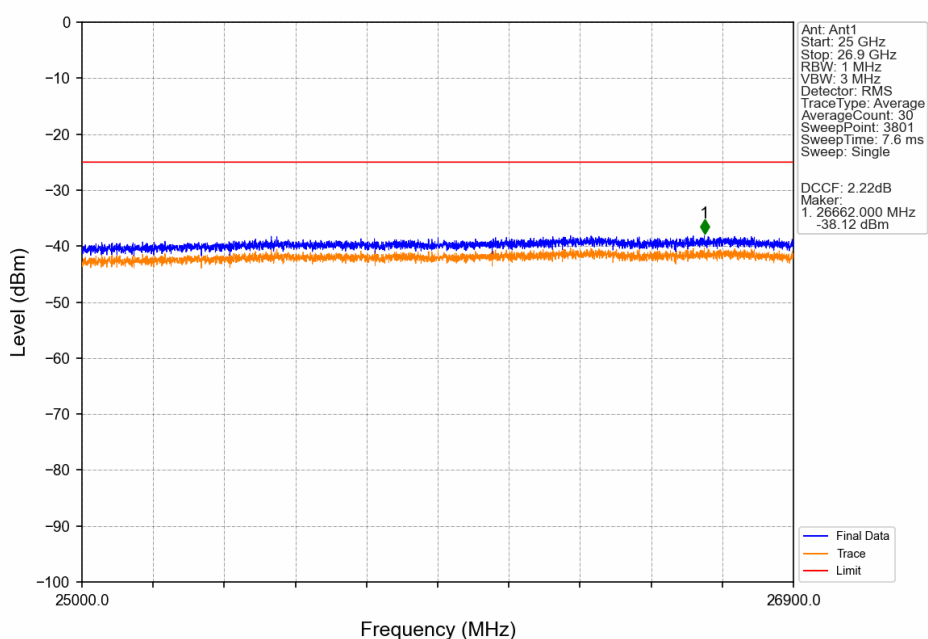
Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV



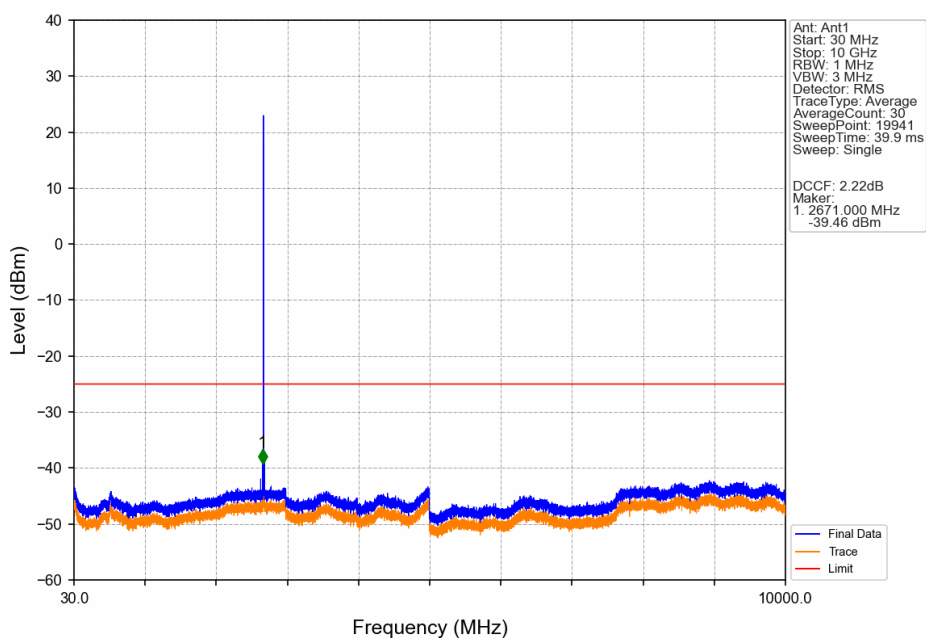


Test Report No.: RF260330B003

Band41_5MHz_16QAM_MCH_2593MHz_RB_1_0_NTNV

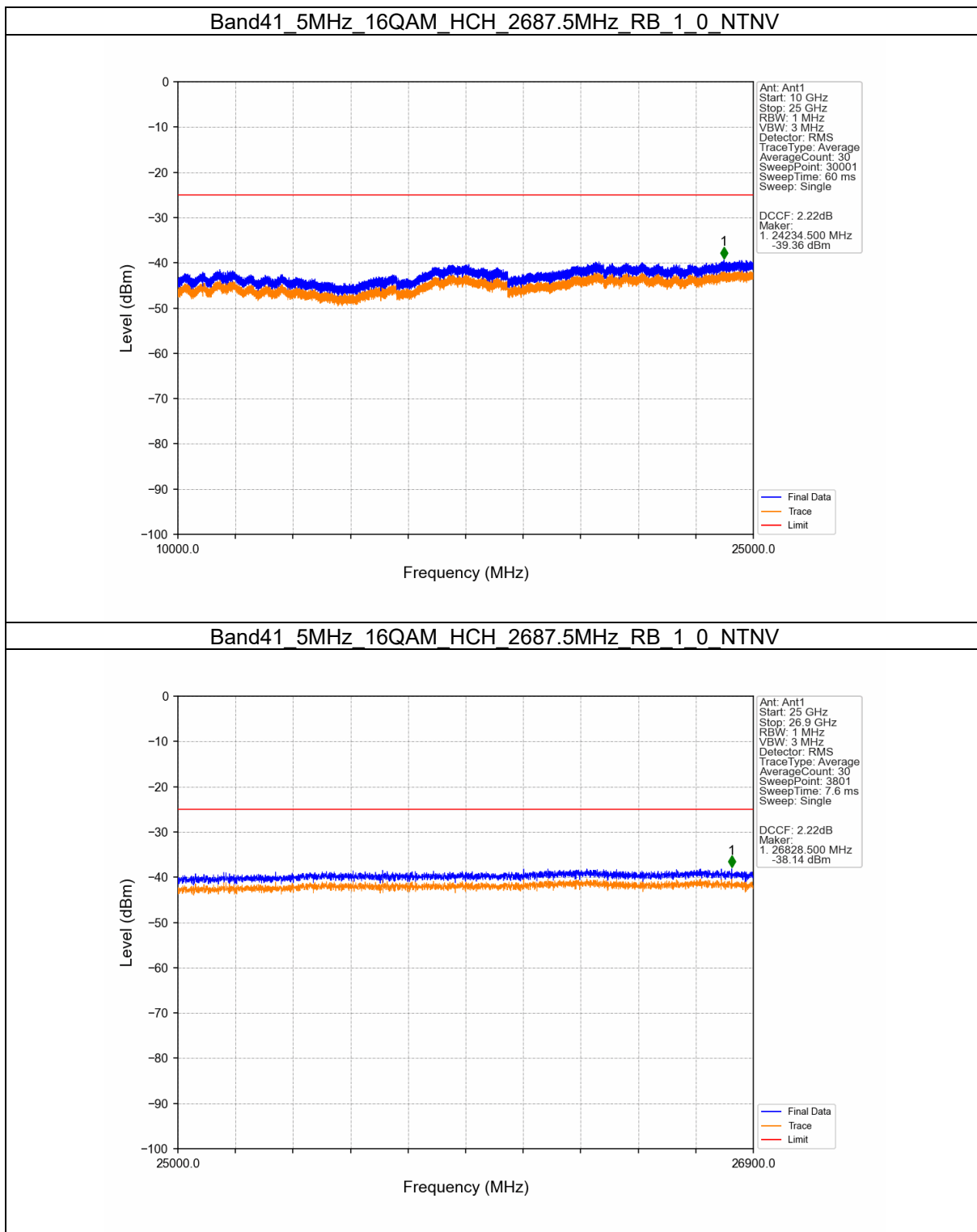


Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_0_NTNV





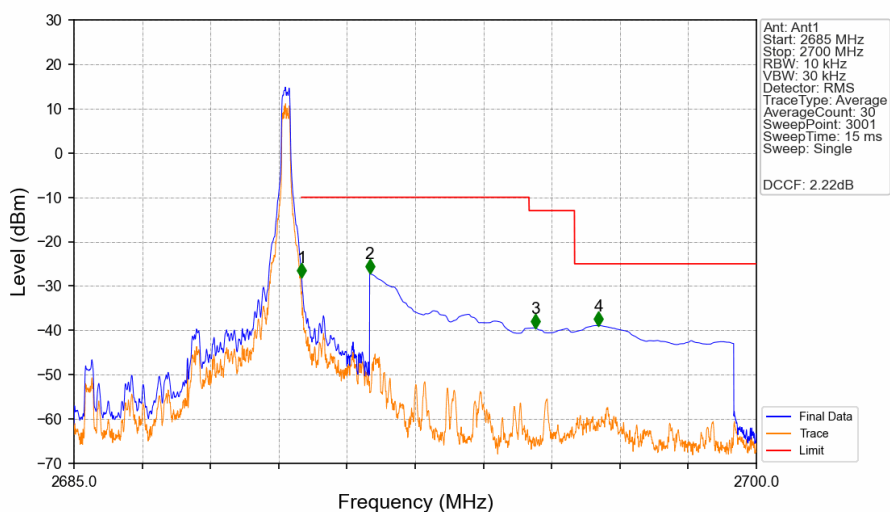
Test Report No.: RF260330B003





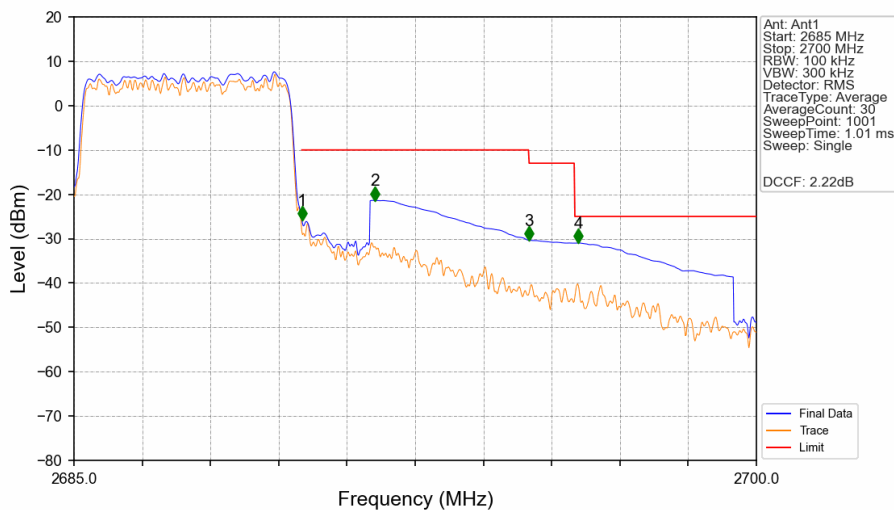
Test Report No.: RF260330B003

Band41_5MHz_16QAM_HCH_2687.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.02	CHP	/	/	/	/	/
2690	2691	0.02	CHP	1	2690.005	-28.12	-10	Pass
2691	2695	1	CHP	2	2691.500	-27.20	-10	Pass
2695	2696	1	CHP	3	2695.140	-39.44	-13	Pass
2696	2700	1	CHP	4	2696.530	-38.90	-25	Pass

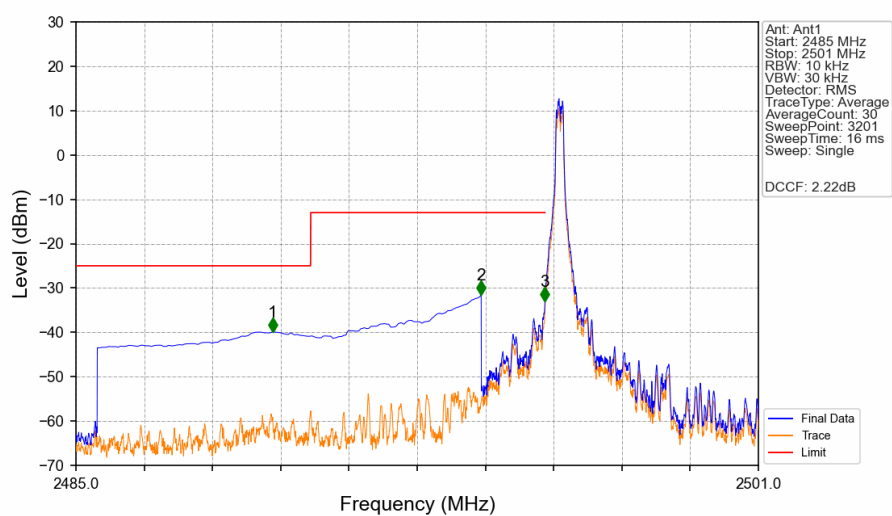
Band41_5MHz_16QAM_HCH_2687.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2685	2690	0.103	CHP	/	/	/	/	/
2690	2691	0.103	CHP	1	2690.010	-25.81	-10	Pass
2691	2695	1	CHP	2	2691.615	-21.38	-10	Pass
2695	2696	1	CHP	3	2695.005	-30.37	-13	Pass
2696	2700	1	CHP	4	2696.085	-30.96	-25	Pass

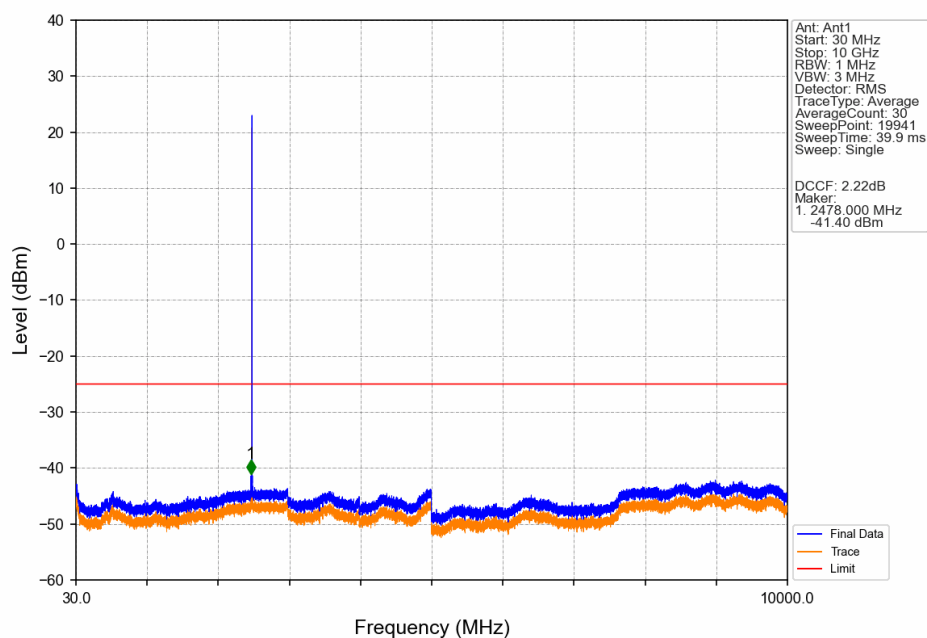
Test Report No.: RF260330B003

Band41_5MHz_64QAM_LCH_2498.5MHz_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	2489.610	-39.92	-25	Pass
2490.5	2495	1	CHP	2	2494.500	-31.50	-13	Pass
2495	2496	0.01	/	3	2495.995	-33.04	-13	Pass
2496	2501	0.01	/	/	/	/	/	/

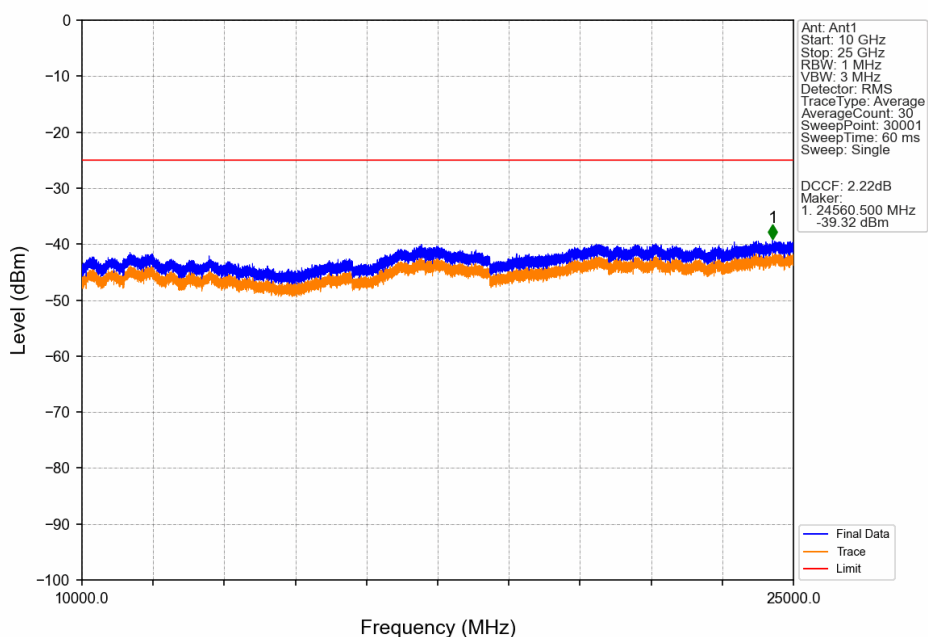
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



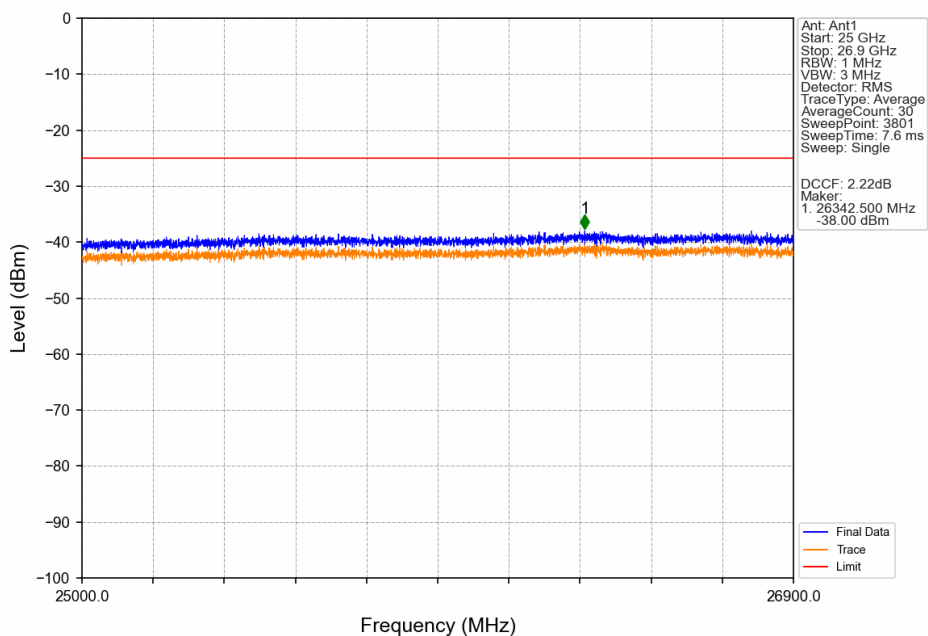


Test Report No.: RF260330B003

Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV



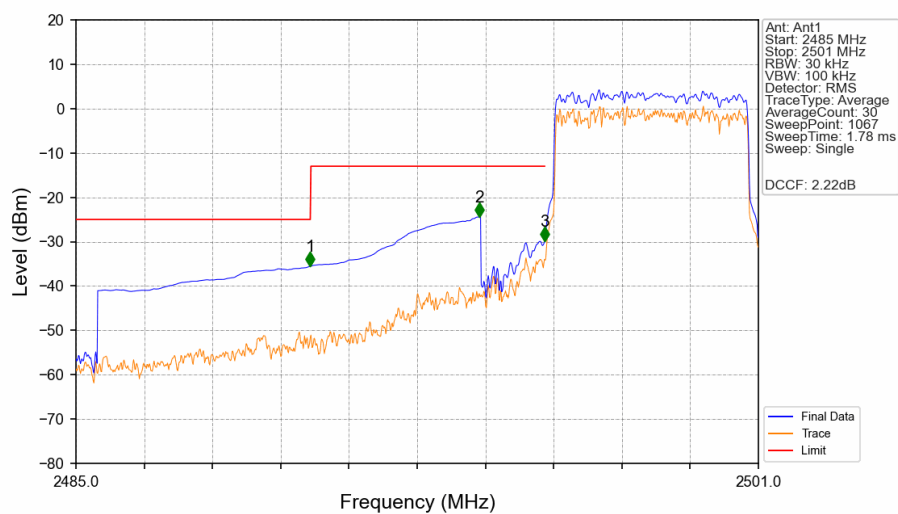
Band41_5MHz_64QAM_LCH_2498.5MHz_RB_1_0_NTNV





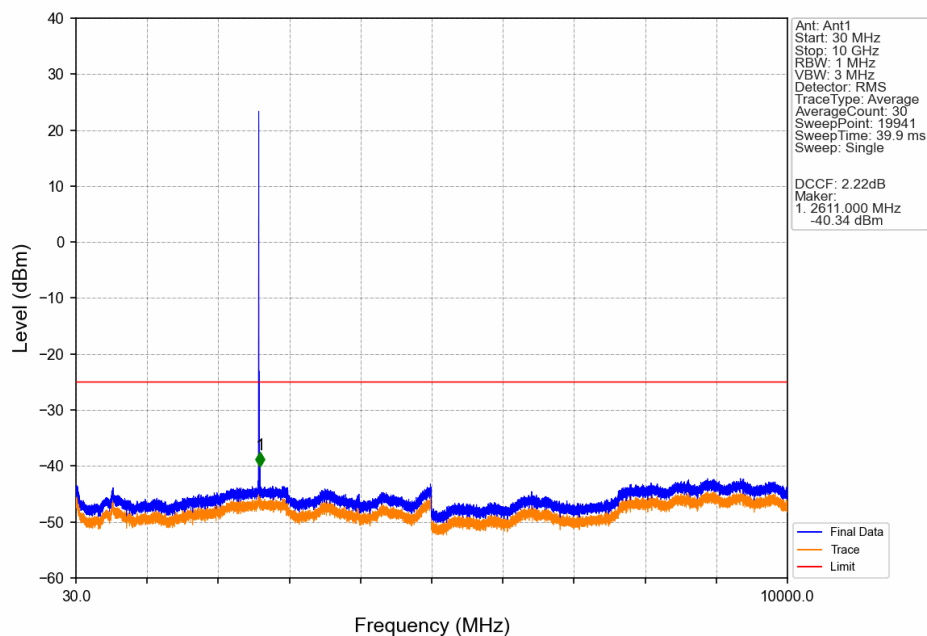
Test Report No.: RF260330B003

Band41_5MHz_64QAM_LCH_2498.5MHz_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	2490.493	-35.56	-25	Pass
2490.5	2495	1	CHP	2	2494.456	-24.40	-13	Pass
2495	2496	0.052	CHP	3	2495.987	-29.91	-13	Pass
2496	2501	0.052	CHP	/	/	/	/	/

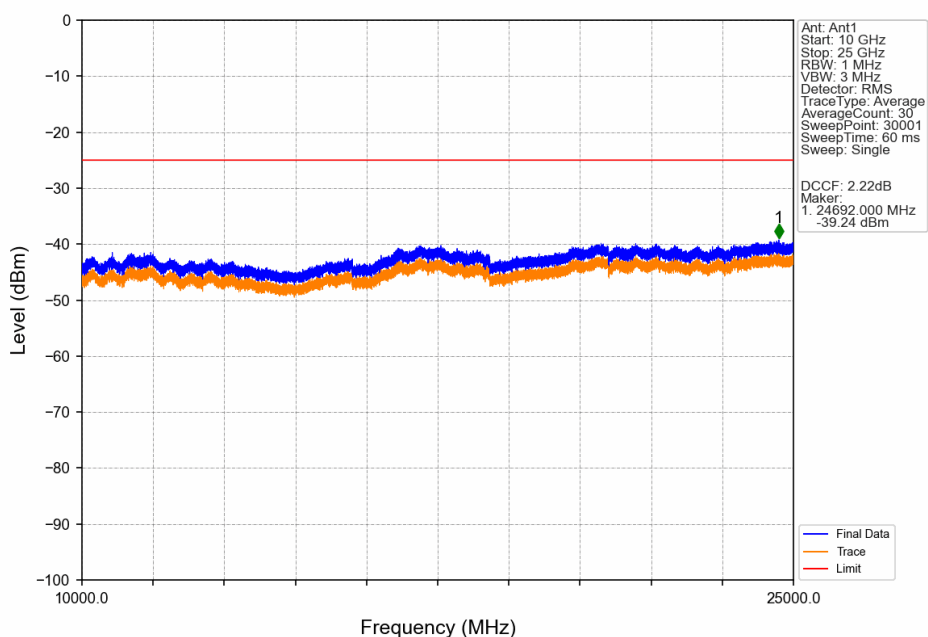
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



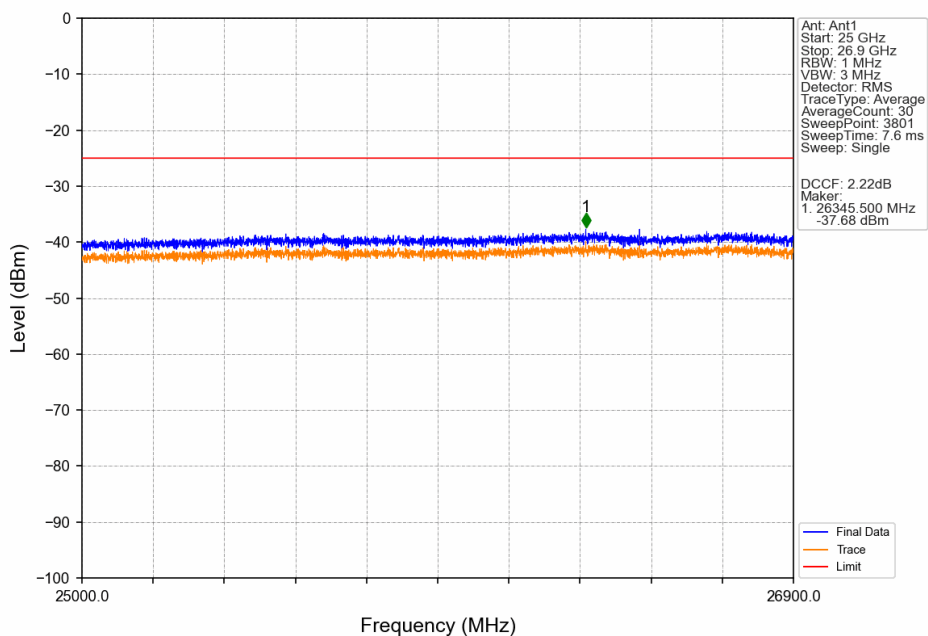


Test Report No.: RF260330B003

Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



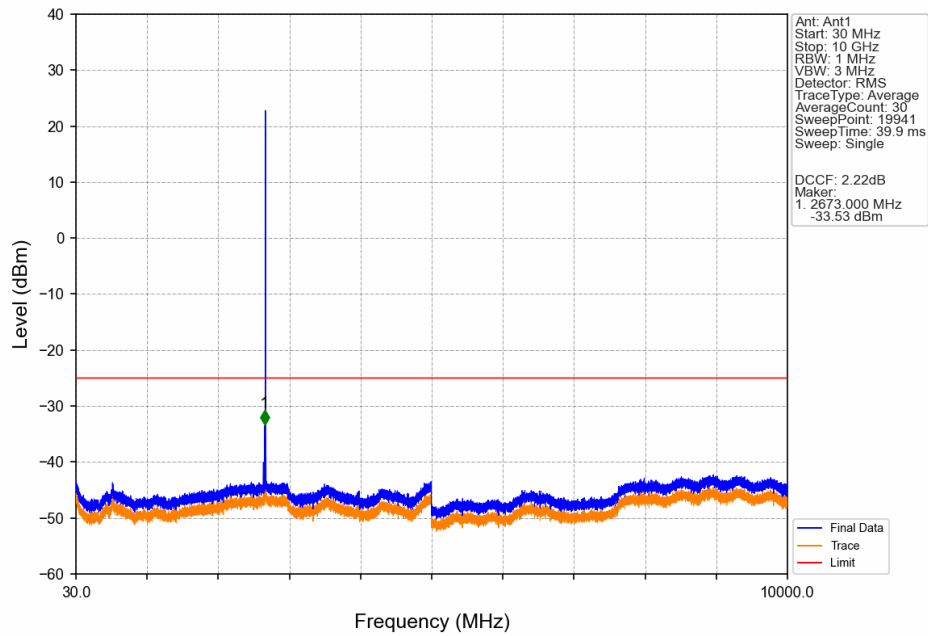
Band41_5MHz_64QAM_MCH_2593MHz_RB_1_0_NTNV



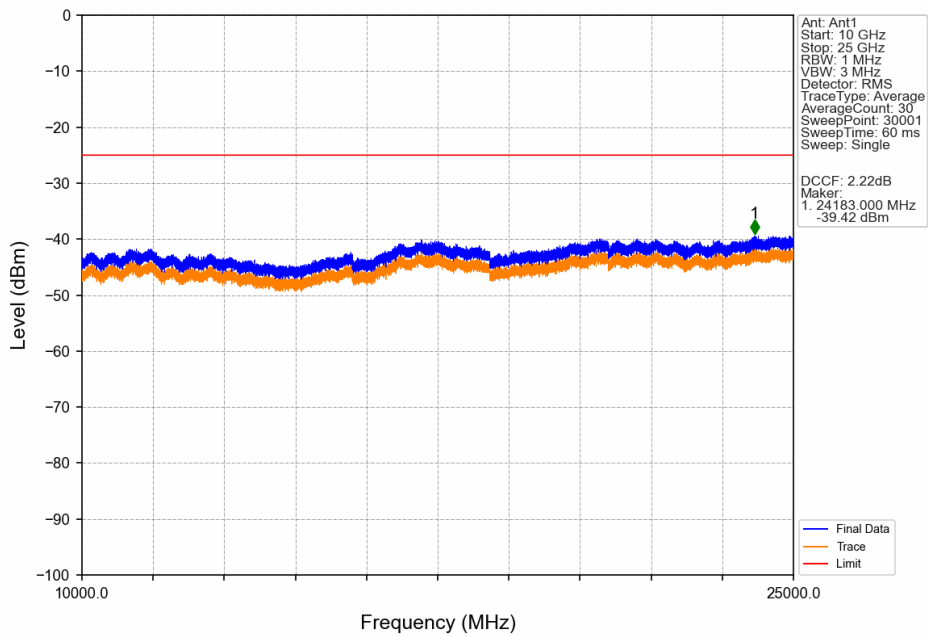


Test Report No.: RF260330B003

Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV



Band41_5MHz_64QAM_HCH_2687.5MHz_RB_1_0_NTNV





Test Report No.: RF260330B003

