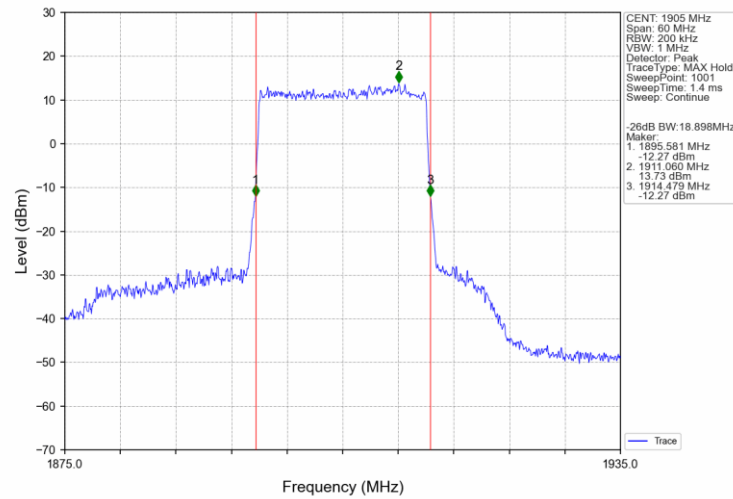
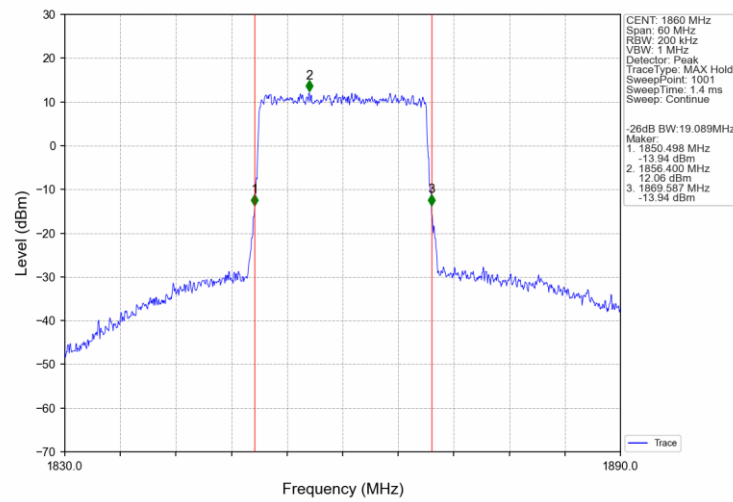


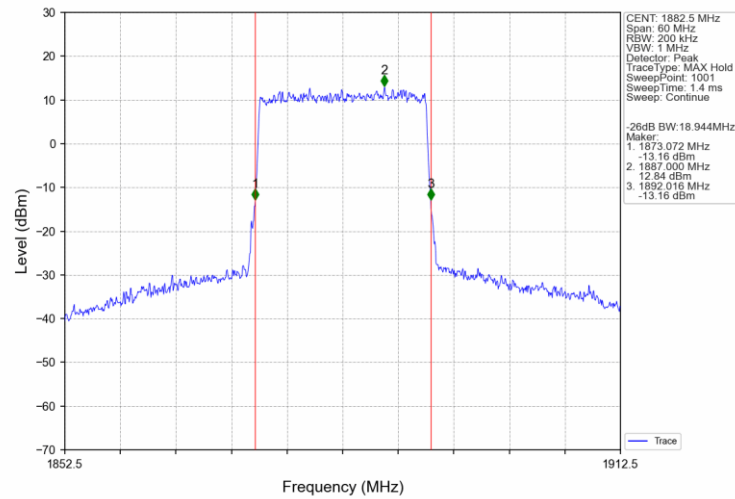
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



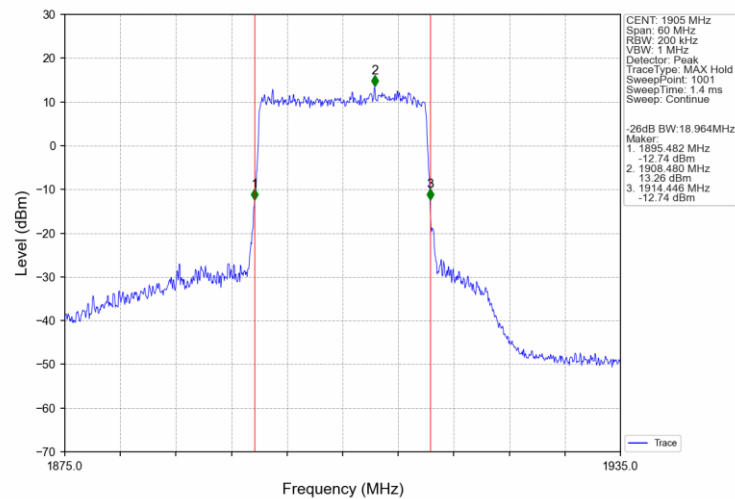
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTNv



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTNv



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	6	0	5.61	<=13	Pass
	1882.5	6	0	5.69	<=13	Pass
	1914.3	6	0	4.67	<=13	Pass
16QAM	1850.7	6	0	6.35	<=13	Pass
	1882.5	6	0	6.53	<=13	Pass
	1914.3	6	0	5.44	<=13	Pass

5.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	15	0	5.68	<=13	Pass
	1882.5	15	0	5.77	<=13	Pass
	1913.5	15	0	4.84	<=13	Pass
16QAM	1851.5	15	0	6.48	<=13	Pass
	1882.5	15	0	6.59	<=13	Pass
	1913.5	15	0	5.68	<=13	Pass

5.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	25	0	5.73	<=13	Pass
	1882.5	25	0	5.84	<=13	Pass
	1912.5	25	0	5.09	<=13	Pass
16QAM	1852.5	25	0	6.47	<=13	Pass
	1882.5	25	0	6.54	<=13	Pass
	1912.5	25	0	5.82	<=13	Pass

5.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	50	0	5.68	<=13	Pass
	1882.5	50	0	5.76	<=13	Pass
	1910	50	0	5.31	<=13	Pass
16QAM	1855	50	0	6.46	<=13	Pass
	1882.5	50	0	6.53	<=13	Pass
	1910	50	0	6.10	<=13	Pass

5.1.5 B25_15MHz

Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency	RB Allocation		Peak-Average Ratio (dB)		Verdict

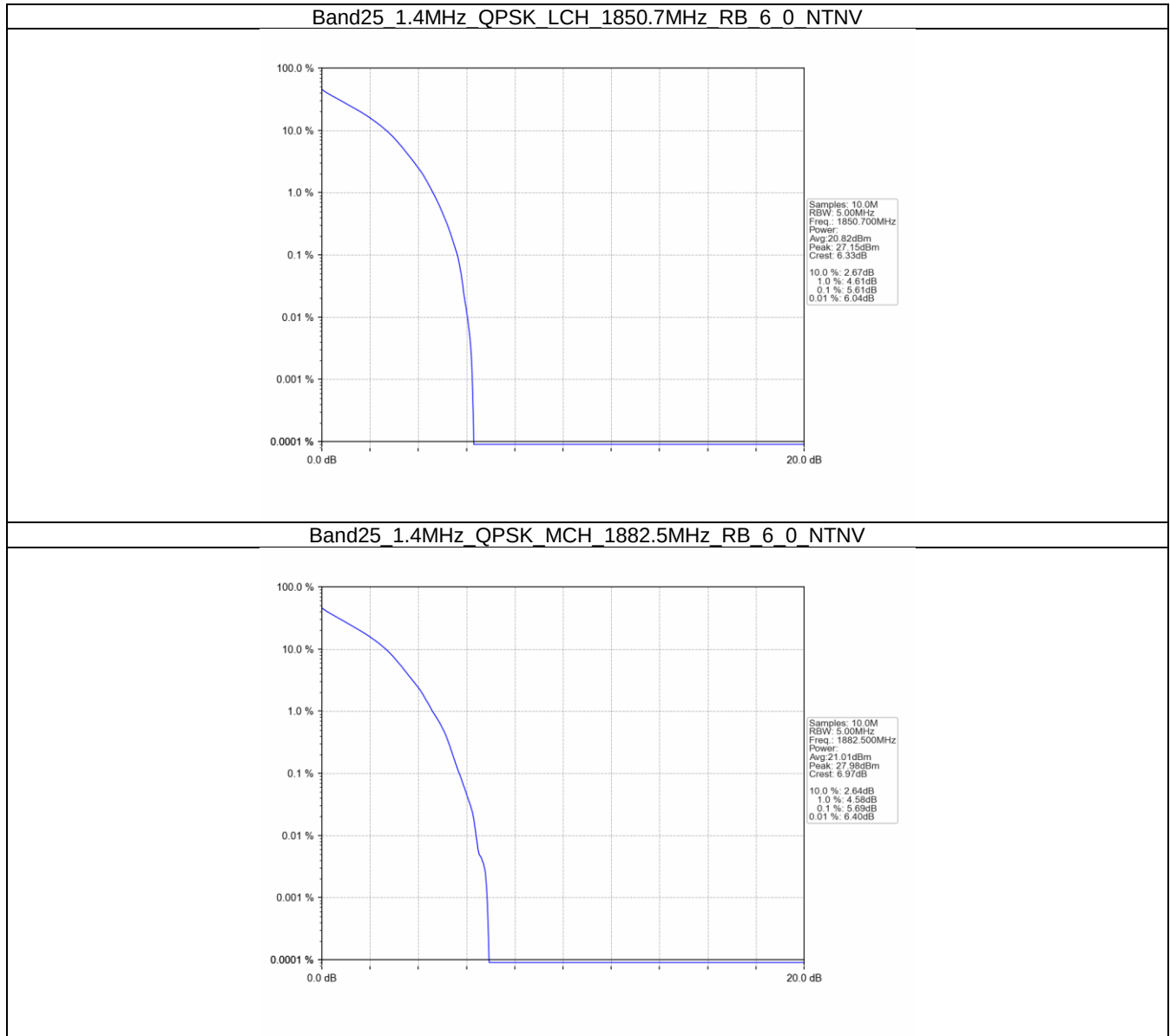
	(MHz)	Size	Offset	Result	Limit	
QPSK	1857.5	75	0	6.02	<=13	Pass
	1882.5	75	0	6.08	<=13	Pass
	1907.5	75	0	5.64	<=13	Pass
16QAM	1857.5	75	0	6.53	<=13	Pass
	1882.5	75	0	6.59	<=13	Pass
	1907.5	75	0	6.22	<=13	Pass

5.1.6 B25_20MHz

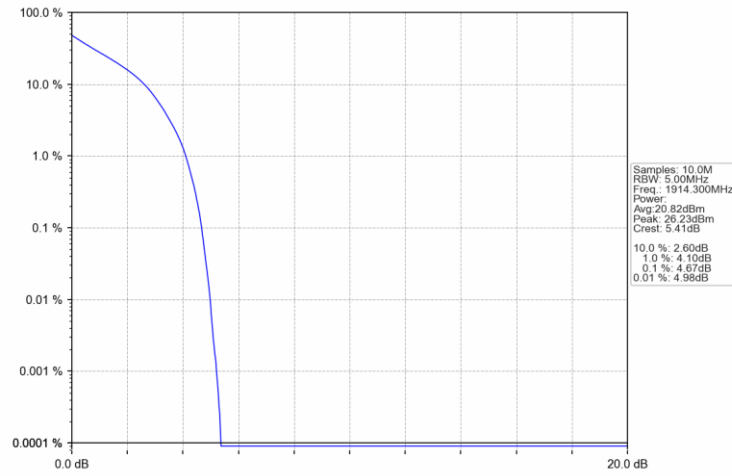
Band: 25 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	100	0	5.73	<=13	Pass
	1882.5	100	0	5.71	<=13	Pass
	1905	100	0	5.52	<=13	Pass
16QAM	1860	100	0	6.45	<=13	Pass
	1882.5	100	0	6.48	<=13	Pass
	1905	100	0	6.32	<=13	Pass

5.2 Test Graph

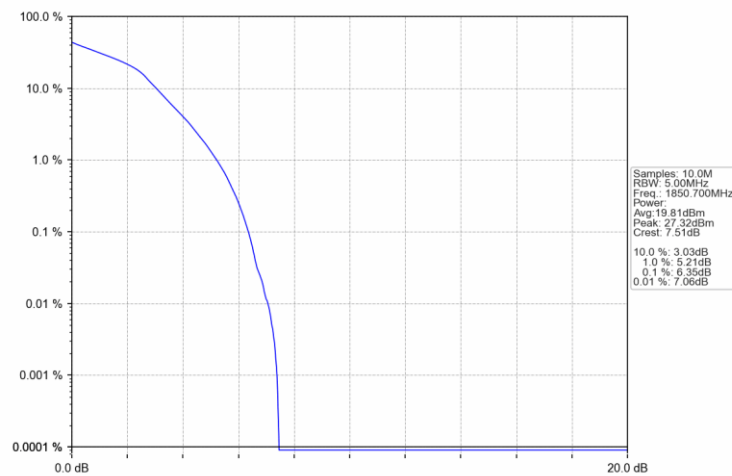
5.2.1 B25_1.4MHz



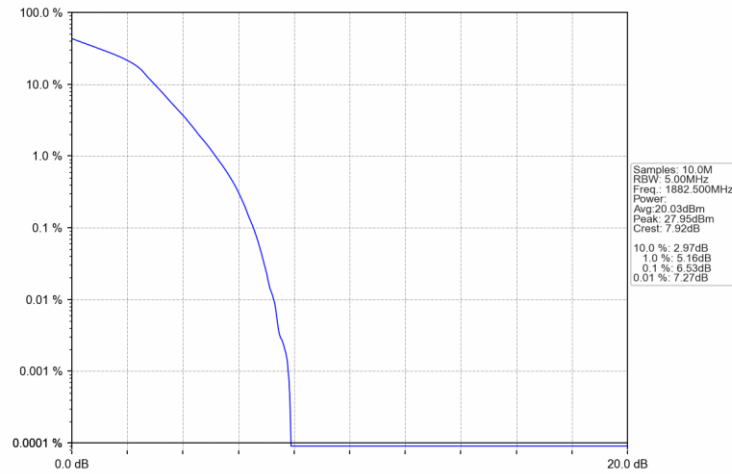
Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTN



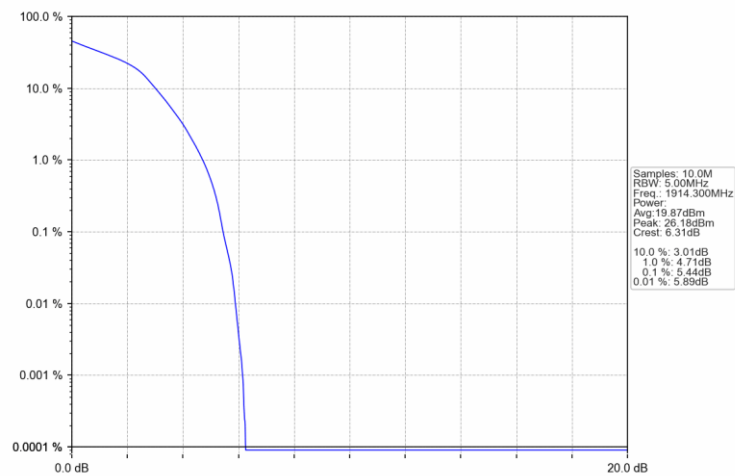
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTN



Band25 1.4MHz 16QAM MCH 1882.5MHz RB 6 0 NTN

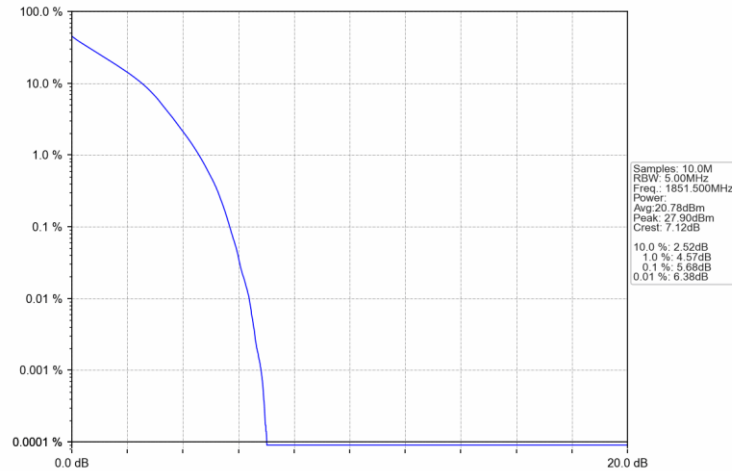


Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTN

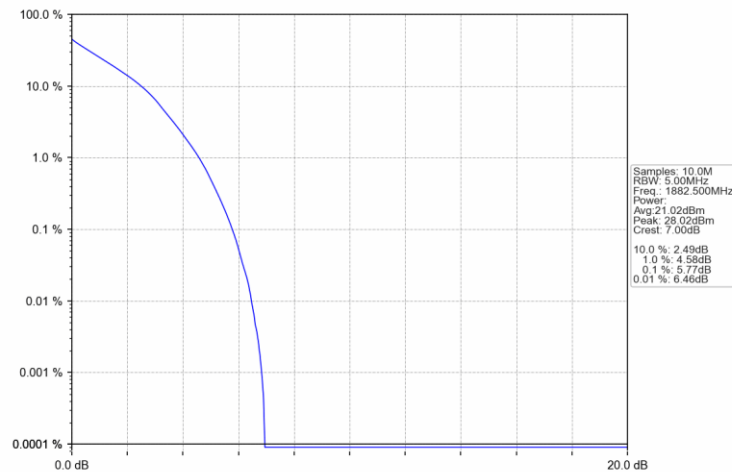


5.2.2 B25_3MHz

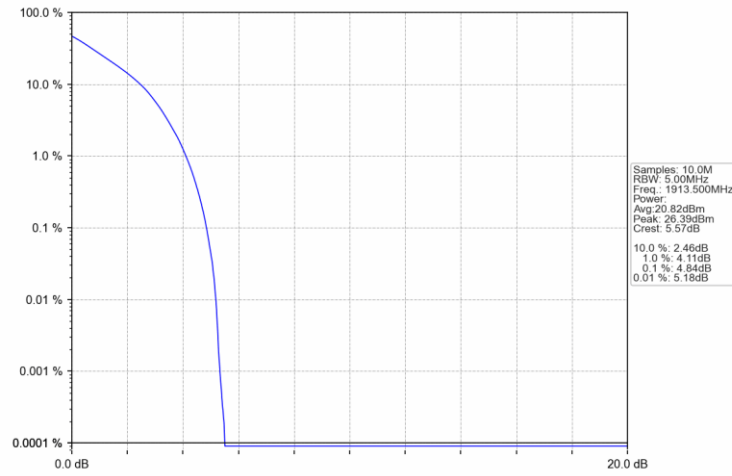
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_15_0_NTNV



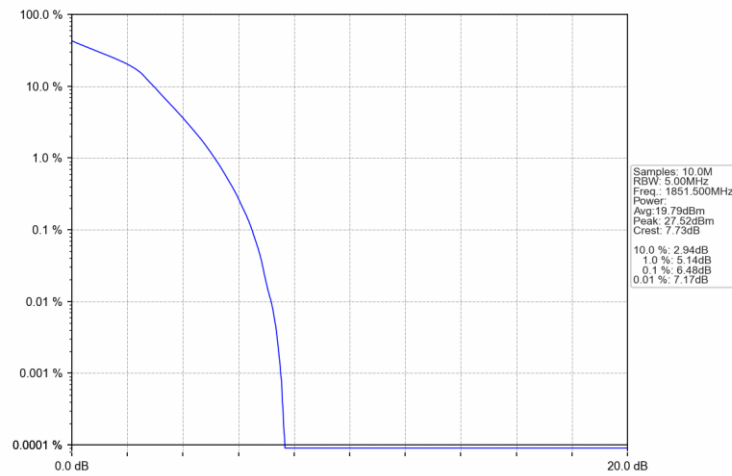
Band25_3MHz_QPSK_MCH_1882.5MHz_RB_15_0_NTNV



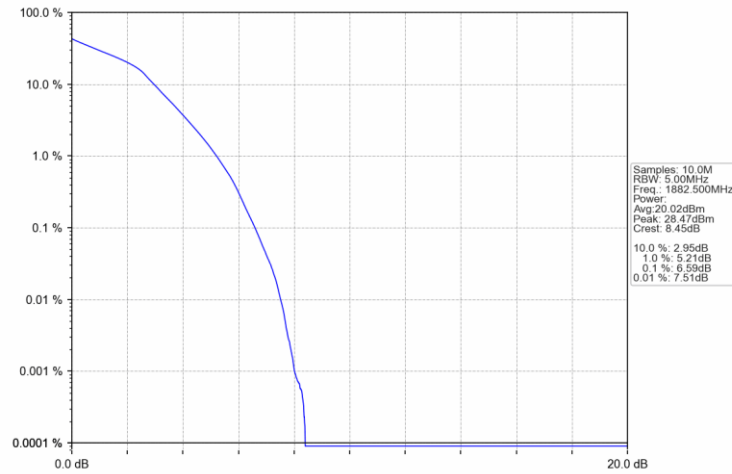
Band25 3MHz QPSK HCH 1913.5MHz RB 15 0 NTN



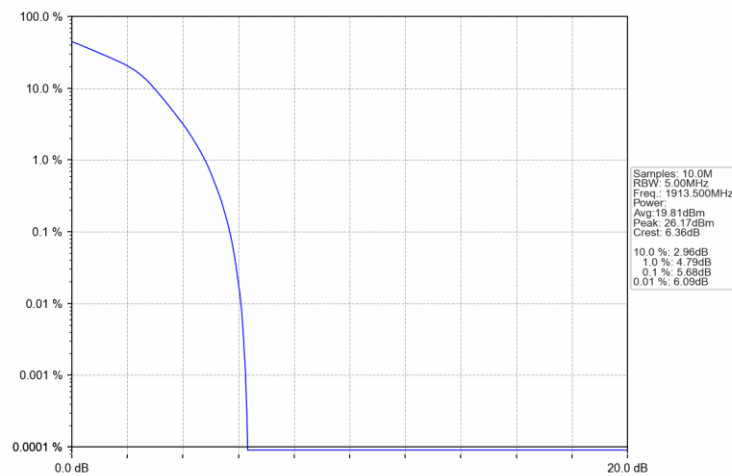
Band25 3MHz 16QAM LCH 1851.5MHz RB 15 0 NTN



Band25 3MHz 16QAM MCH 1882.5MHz RB 15 0 NTNV

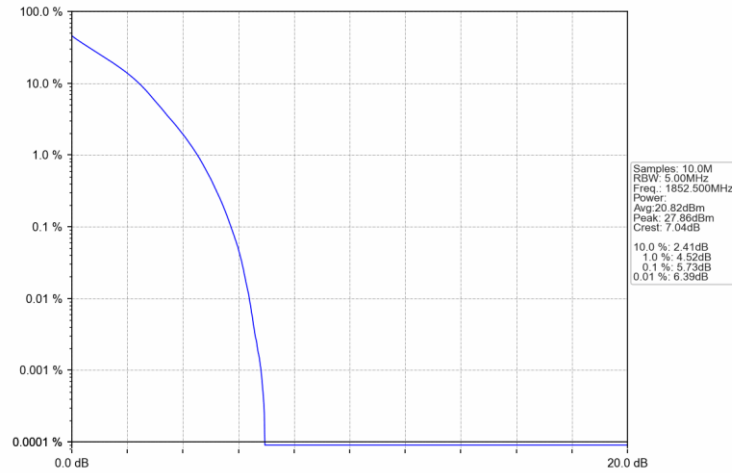


Band25 3MHz 16QAM HCH 1913.5MHz RB 15 0 NTNV

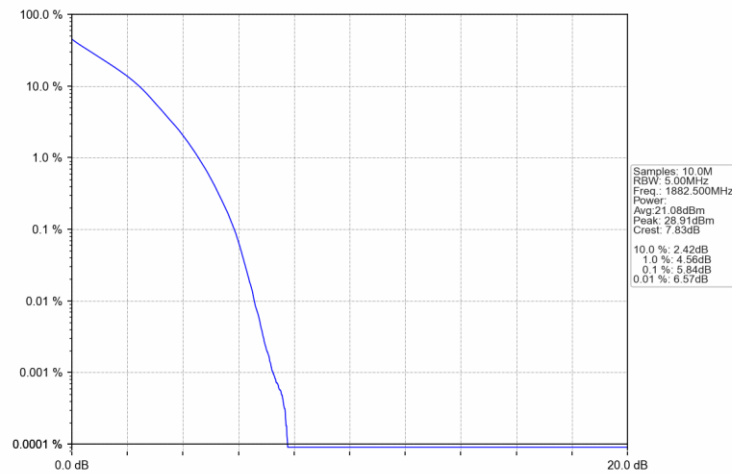


5.2.3 B25_5MHz

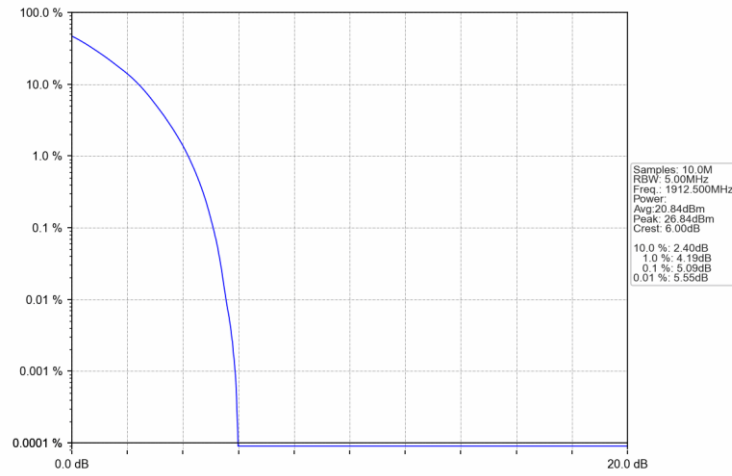
Band25_5MHz_QPSK_LCH_1852.5MHz_RB_25_0_NTNV



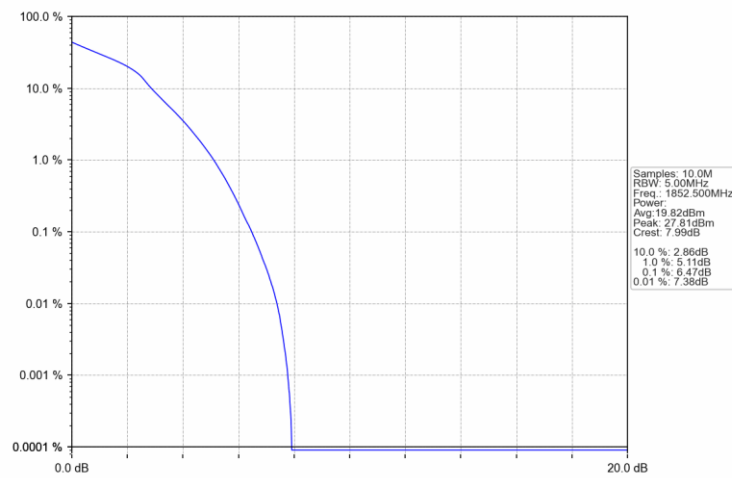
Band25_5MHz_QPSK_MCH_1882.5MHz_RB_25_0_NTNV



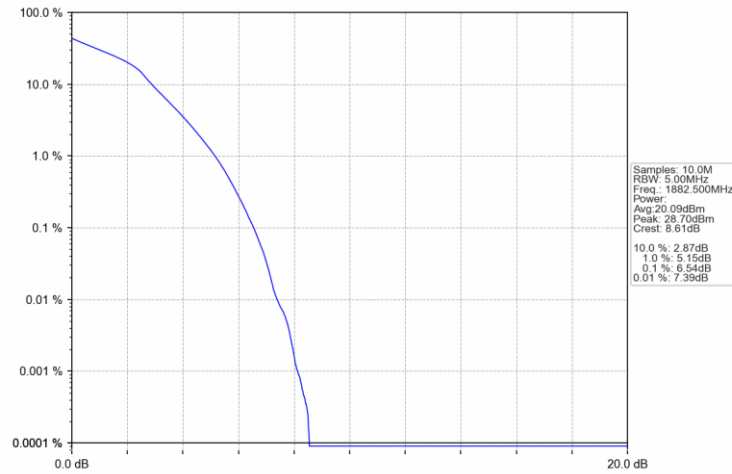
Band25 5MHz QPSK HCH 1912.5MHz RB 25 0 NTNV



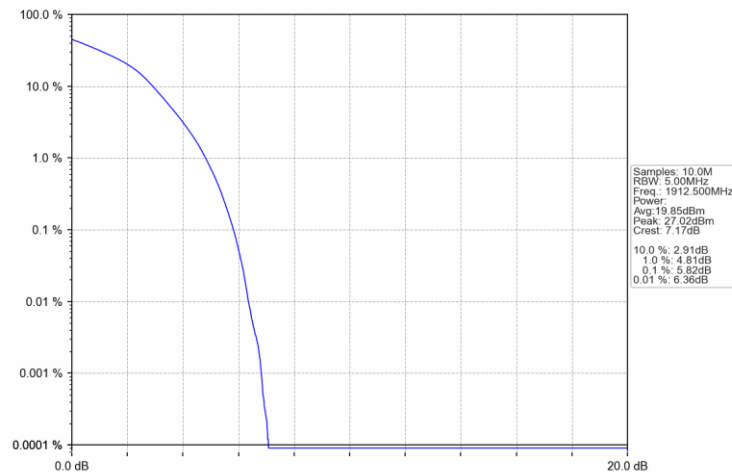
Band25 5MHz 16QAM LCH 1852.5MHz RB 25 0 NTNV



Band25 5MHz 16QAM MCH 1882.5MHz RB 25 0 NTNV

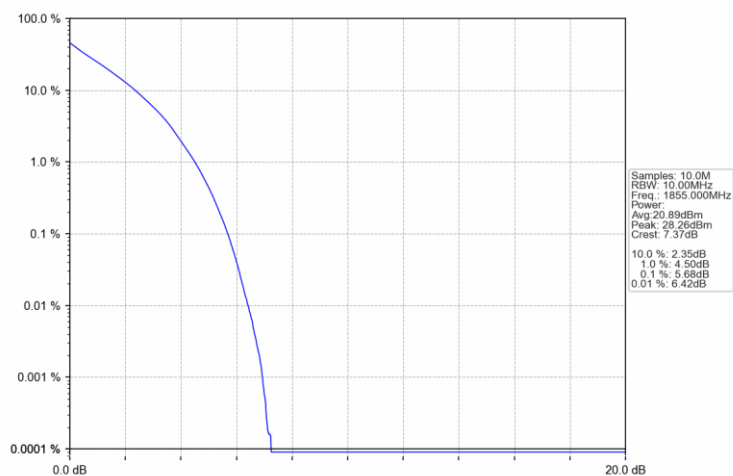


Band25 5MHz 16QAM HCH 1912.5MHz RB 25 0 NTNV

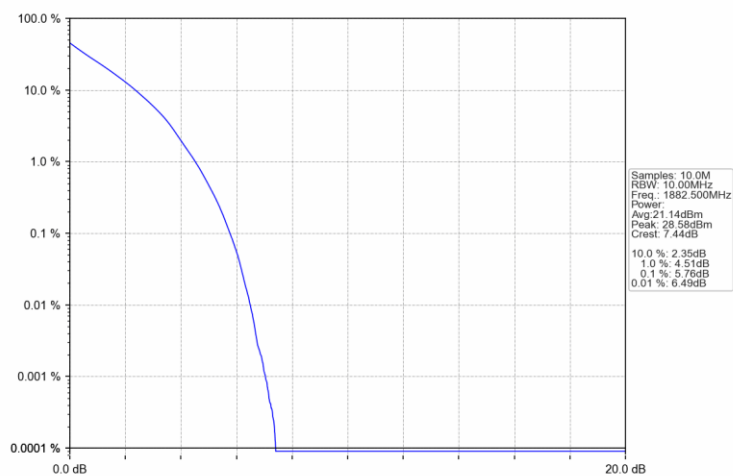


5.2.4 B25_10MHz

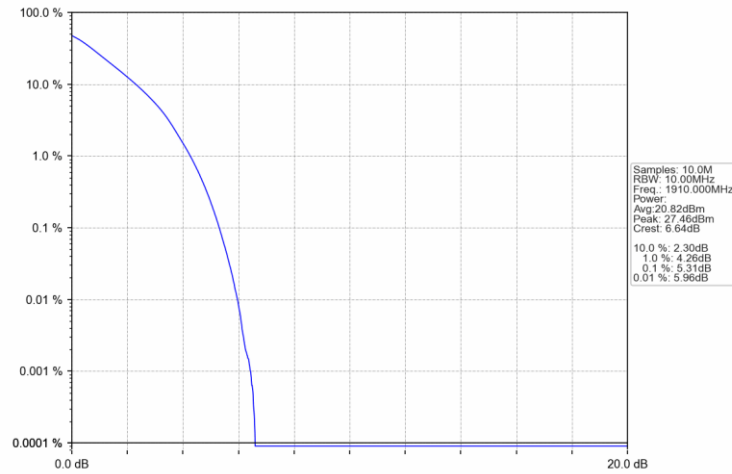
Band25_10MHz_QPSK_LCH_1855MHz_RB_50_0_NTNV



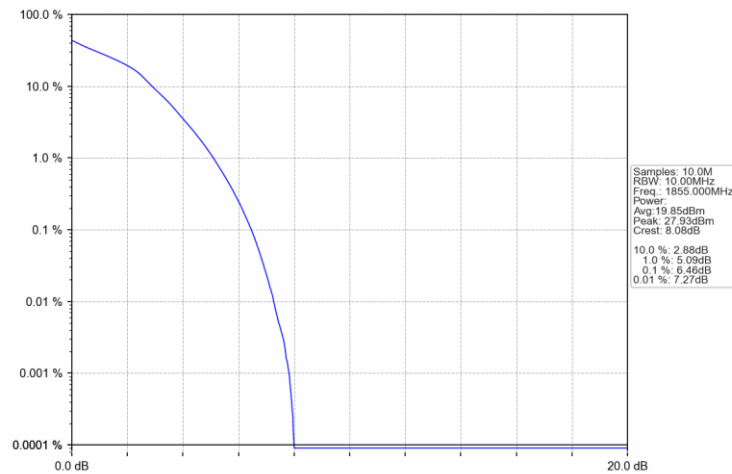
Band25_10MHz_QPSK_MCH_1882.5MHz_RB_50_0_NTNV



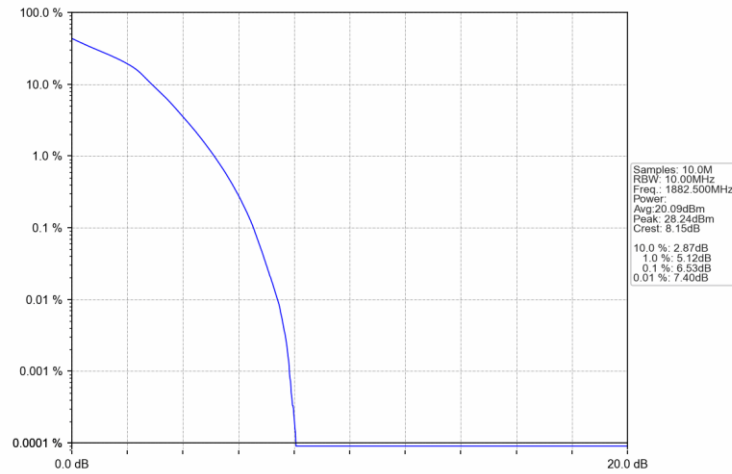
Band25_10MHz_QPSK_HCH_1910MHz_RB_50_0_NTNV



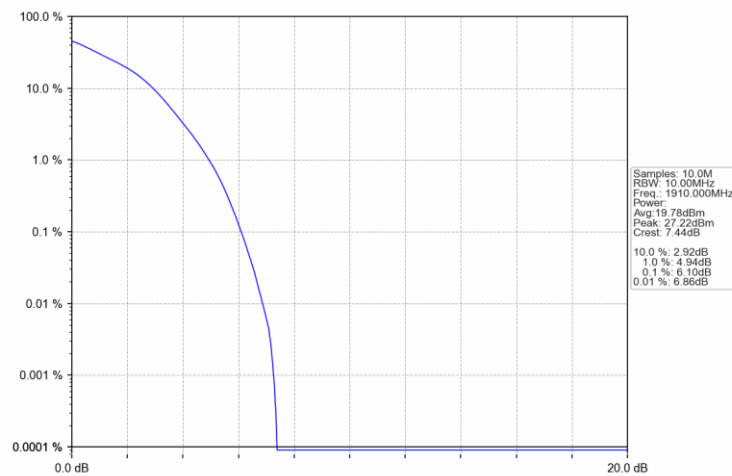
Band25_10MHz_16QAM_LCH_1855MHz_RB_50_0_NTNV



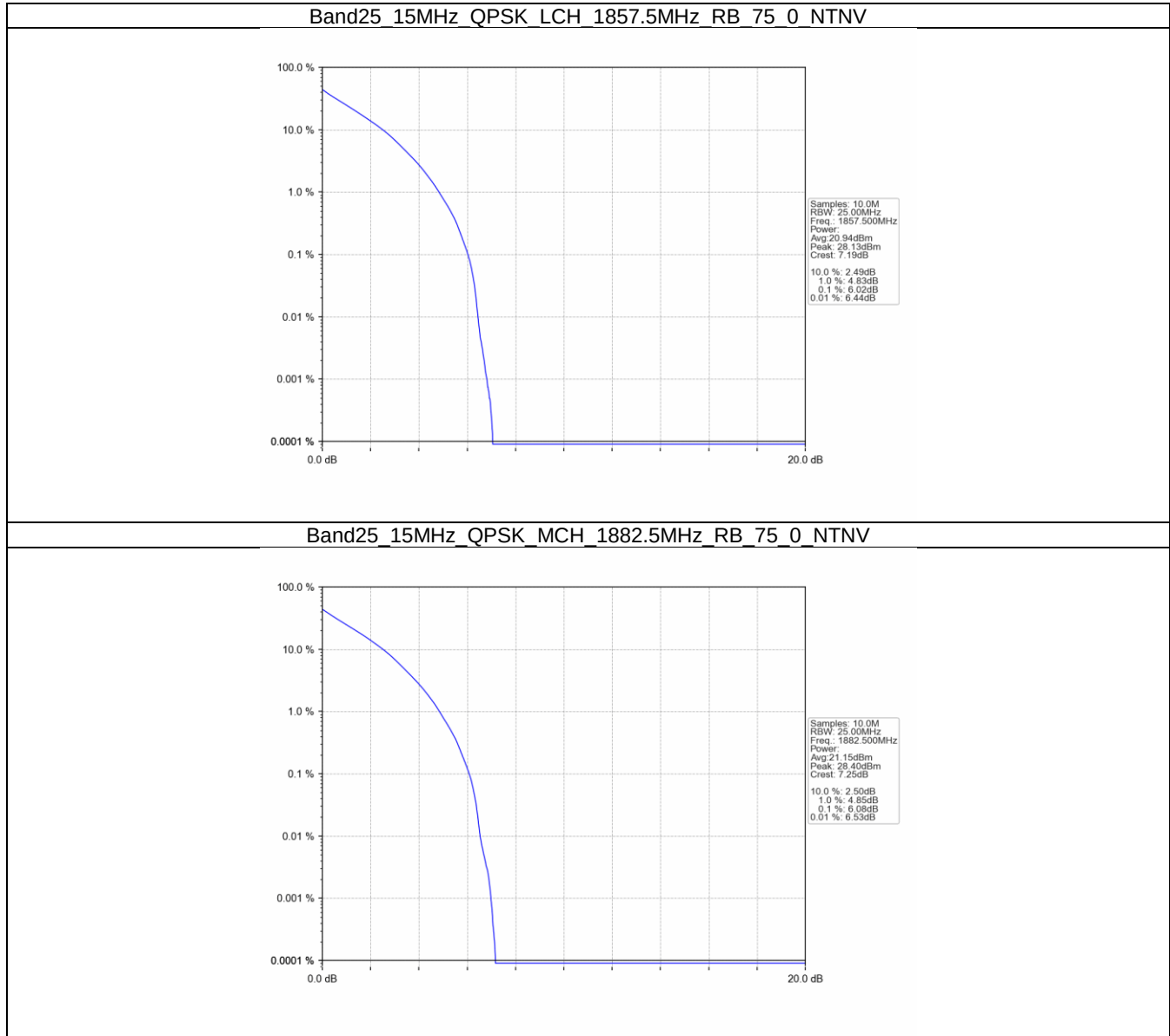
Band25 10MHz 16QAM MCH 1882.5MHz RB 50 0 NTNV



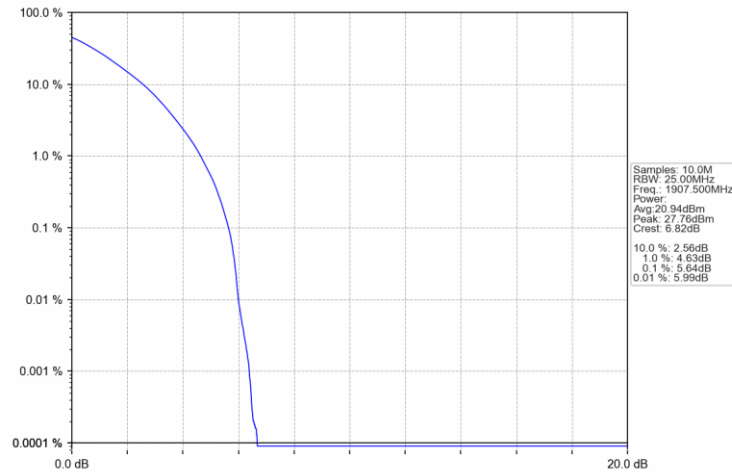
Band25 10MHz 16QAM HCH 1910MHz RB 50 0 NTNV



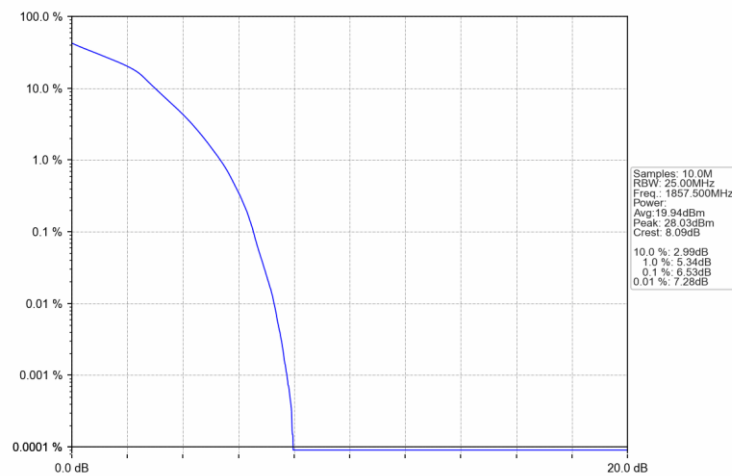
5.2.5 B25_15MHz



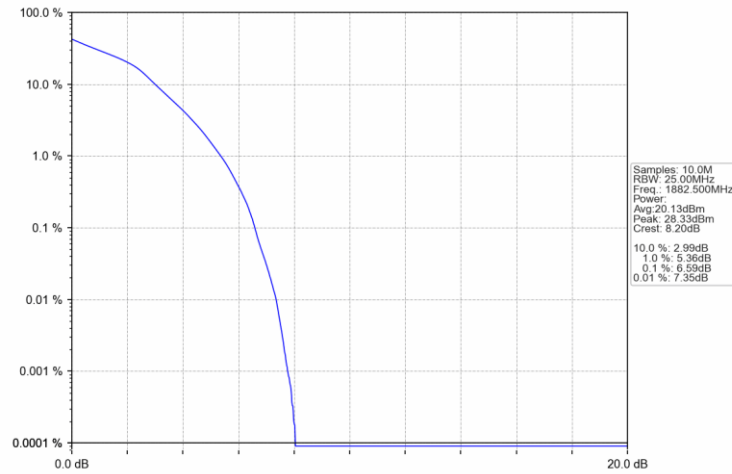
Band25 15MHz QPSK HCH 1907.5MHz RB 75 0 NTN



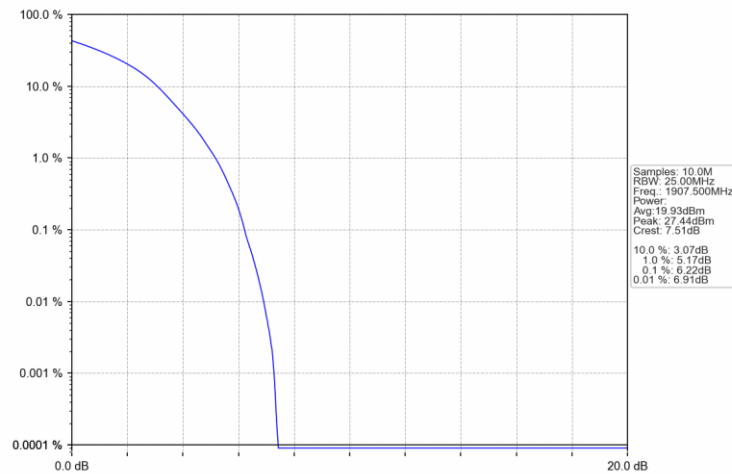
Band25 15MHz 16QAM LCH 1857.5MHz RB 75 0 NTN



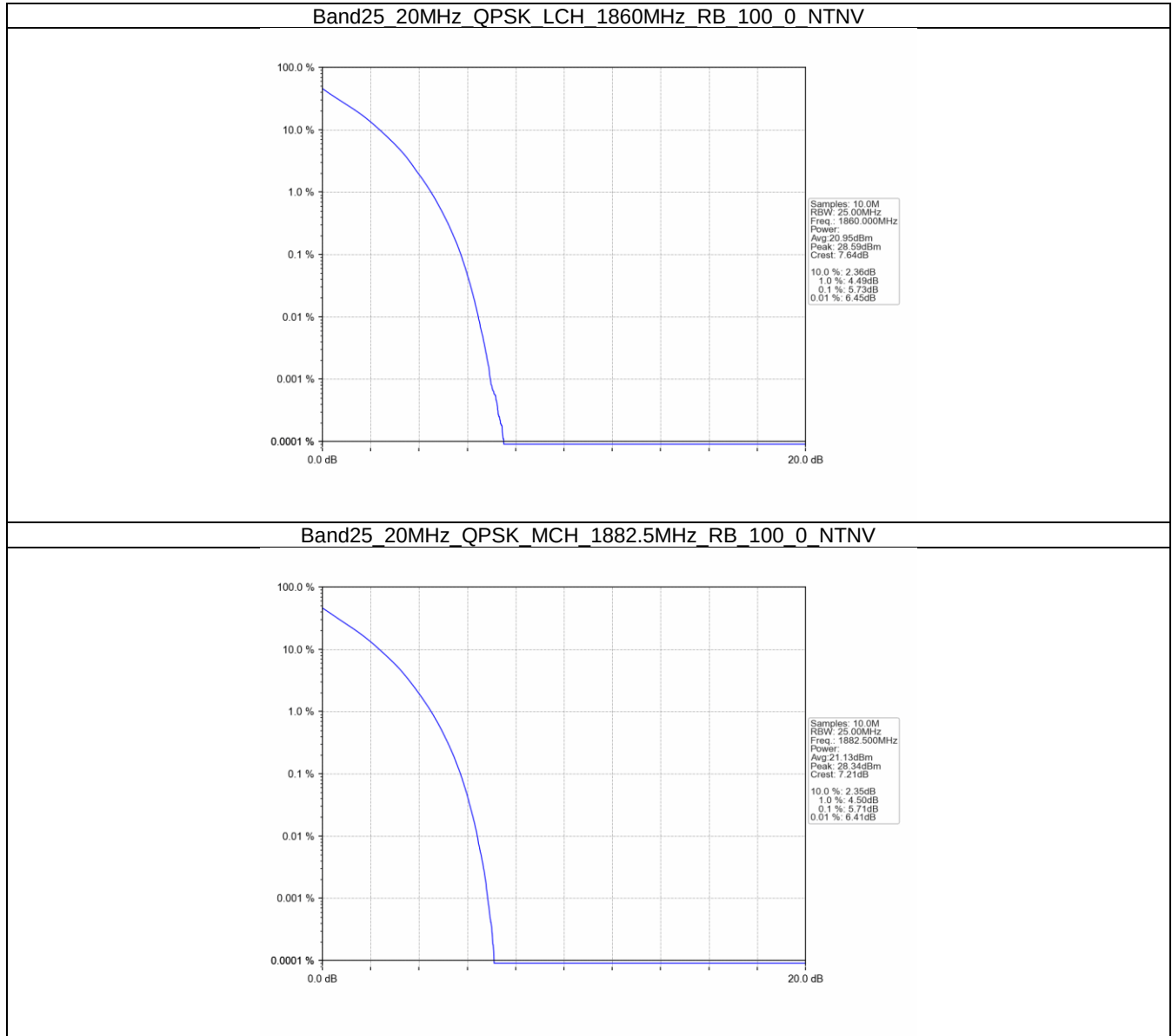
Band25_15MHz_16QAM_MCH_1882.5MHz_RB_75_0_NTNV



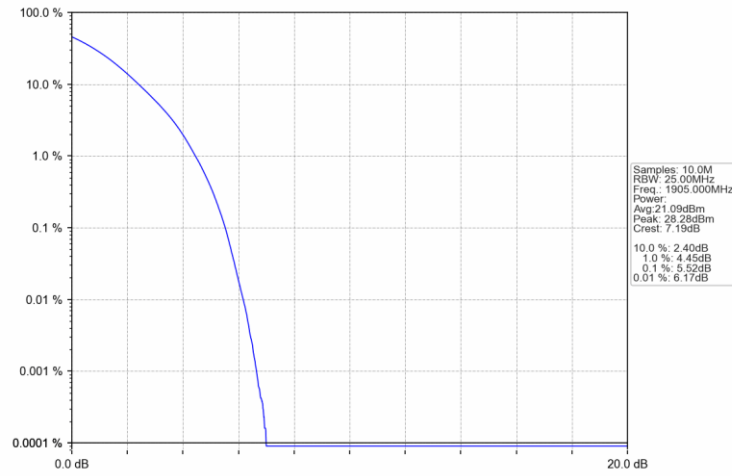
Band25_15MHz_16QAM_HCH_1907.5MHz_RB_75_0_NTNV



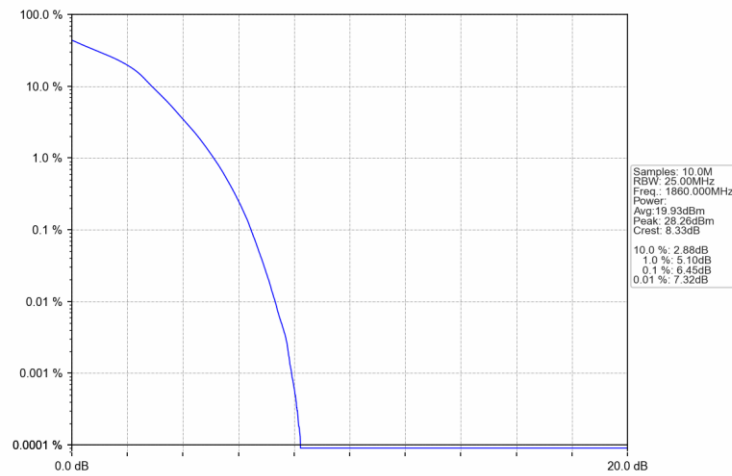
5.2.6 B25_20MHz



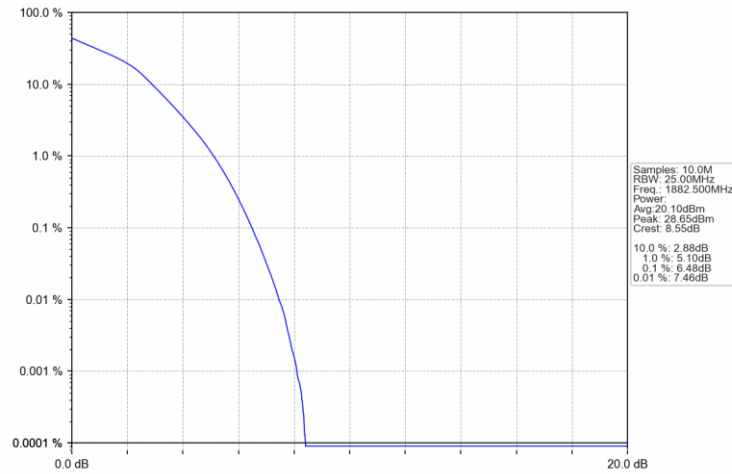
Band25 20MHz QPSK HCH 1905MHz RB 100 0 NTN



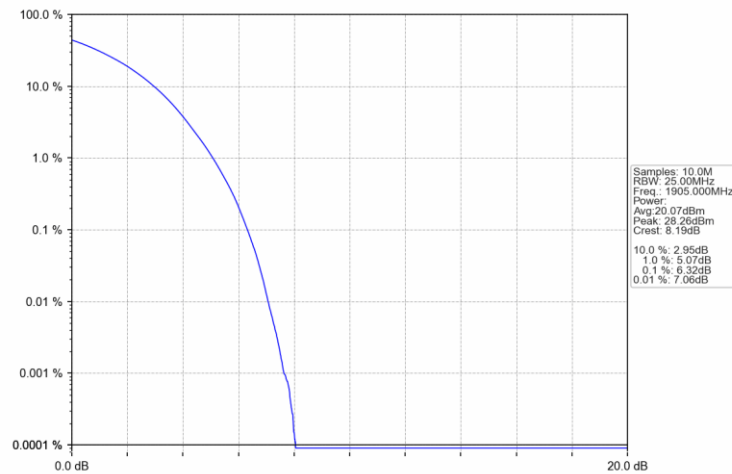
Band25 20MHz 16QAM LCH 1860MHz RB 100 0 NTN



Band25 20MHz 16QAM MCH 1882.5MHz RB 100 0 NTN



Band25 20MHz 16QAM HCH 1905MHz RB 100 0 NTN



6. Spurious Emission

6.1 Test Result

6.1.1 B25_1.4MHz

Band: 25 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1850.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1914.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B25_3MHz

Band: 25 / Bandwidth: 3MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1851.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1913.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B25_5MHz

Band: 25 / Bandwidth: 5MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1852.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1912.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

6.1.4 B25_10MHz

Band: 25 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1855	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1855	1	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1910	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.1.5 B25_15MHz

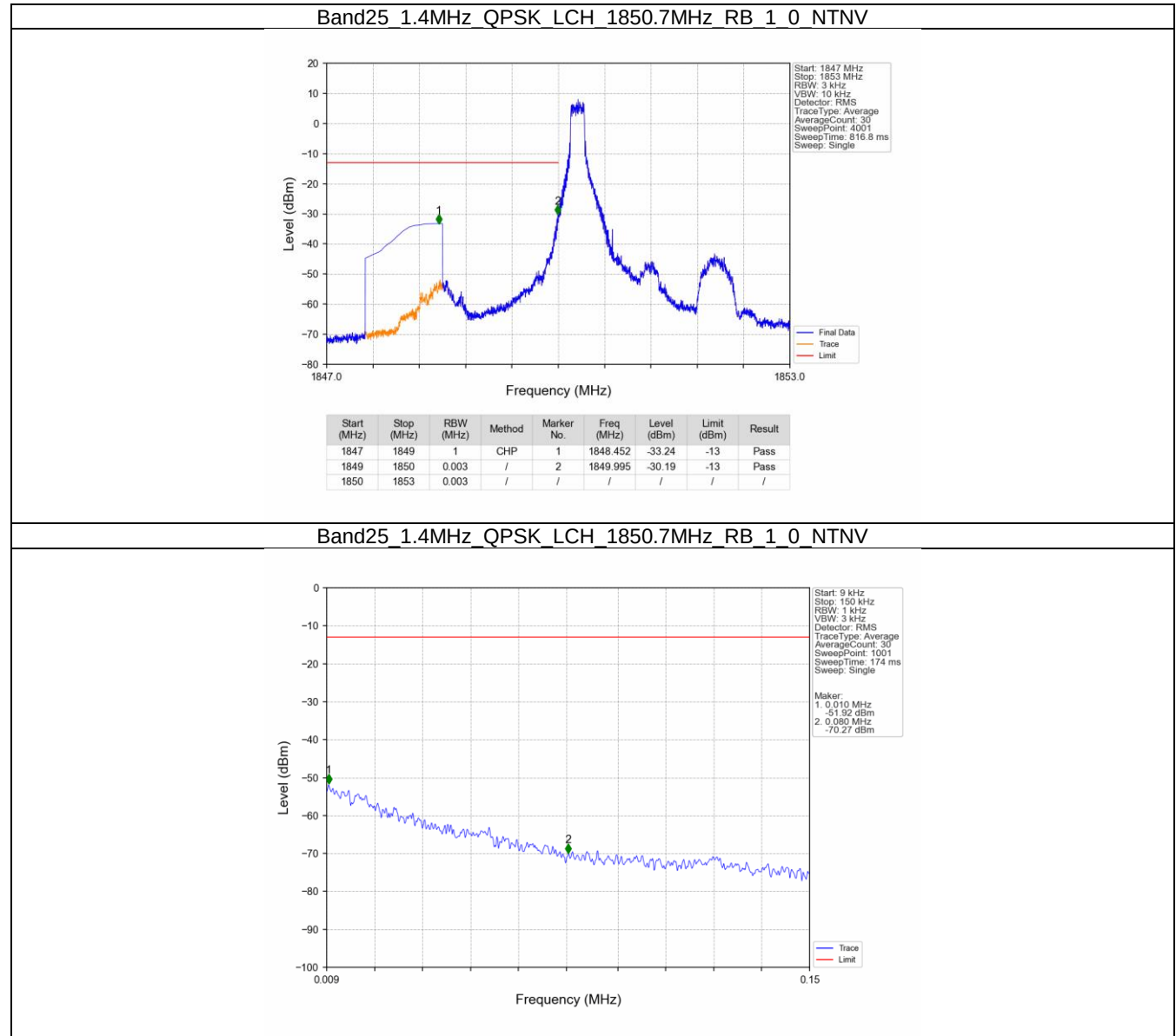
Band: 25 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1857.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1857.5	1	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1907.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

6.1.6 B25_20MHz

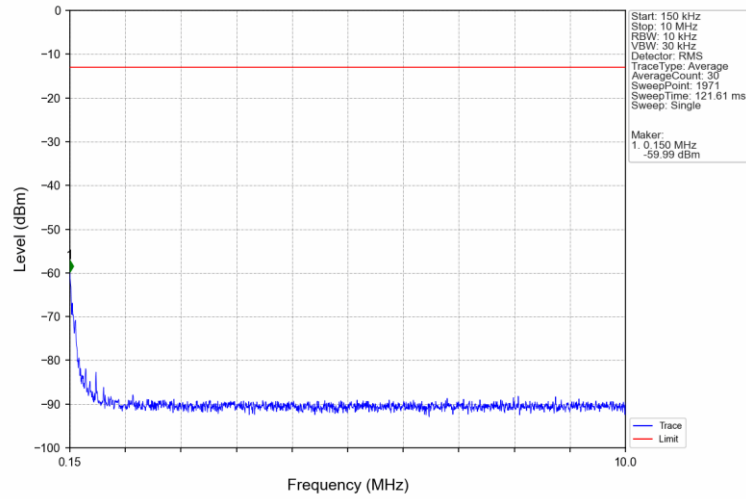
Band: 25 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1860	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1860	1	0	Refer To Test Graph		Pass
	1882.5	1	0	Refer To Test Graph		Pass
	1905	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

6.2 Test Graph

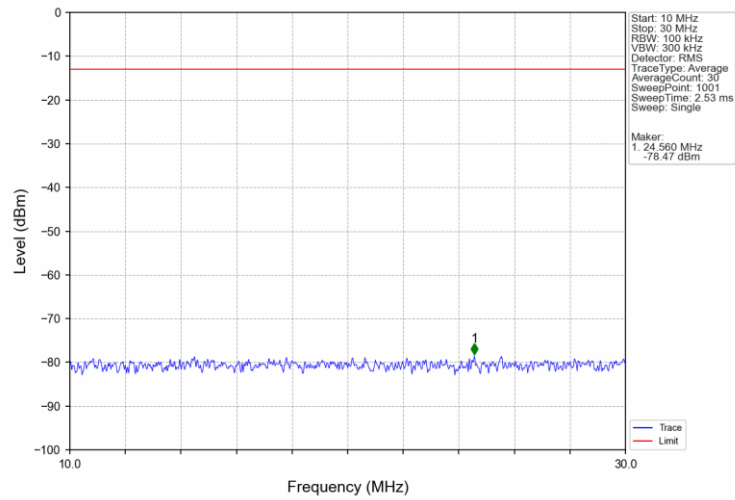
6.2.1 B25_1.4MHz



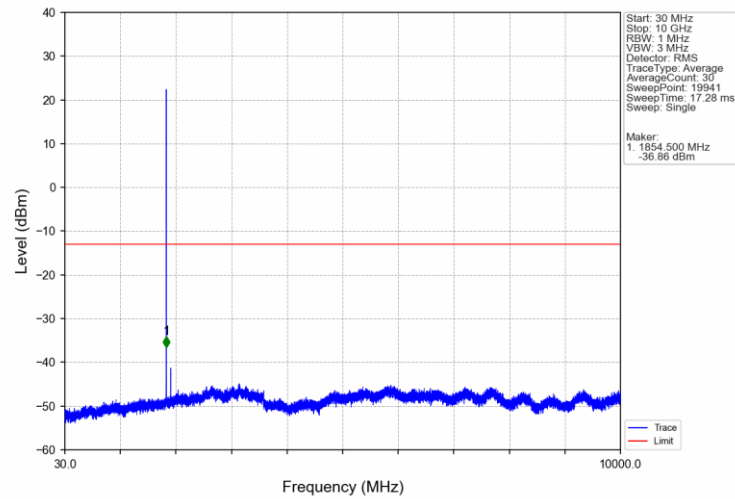
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



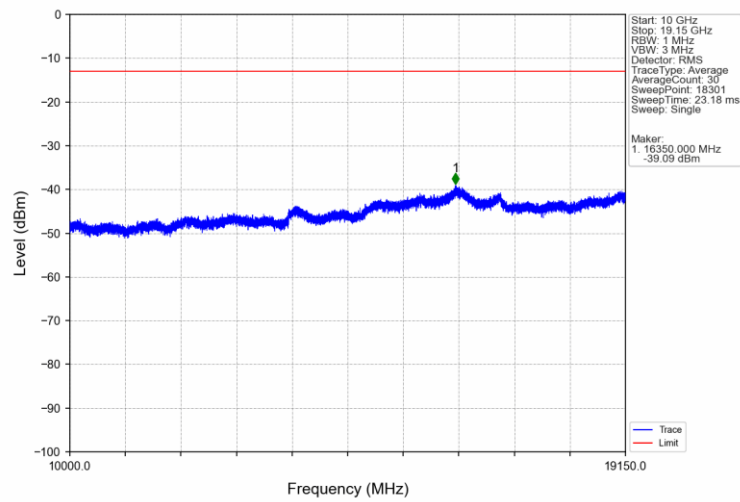
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



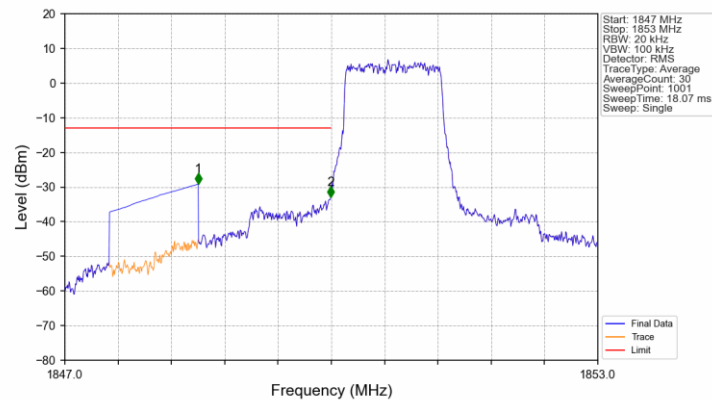
Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV



Band25 1.4MHz QPSK LCH 1850.7MHz RB 1 0 NTNV

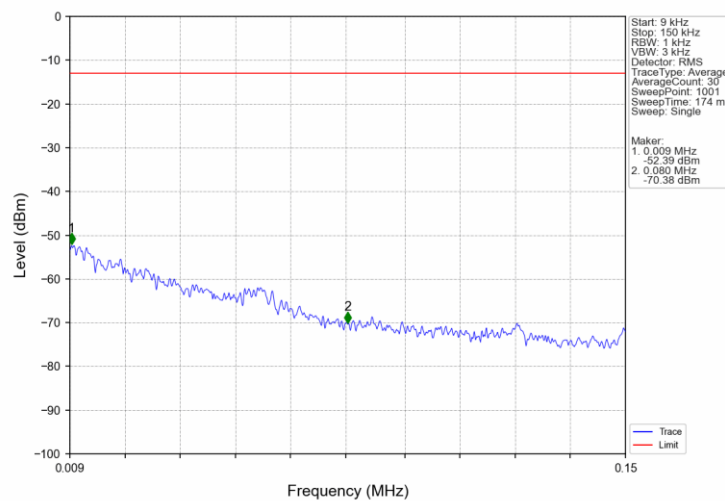


Band25 1.4MHz QPSK LCH 1850.7MHz RB 6 0 NTNV

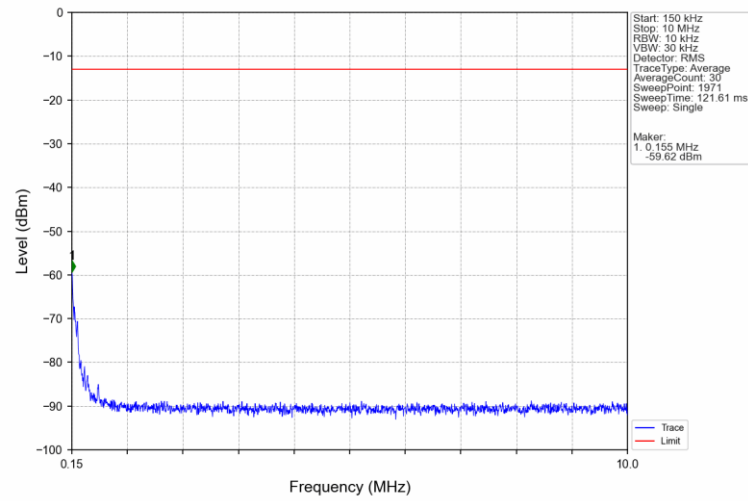


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-29.19	-13	Pass
1849	1850	0.02	/	2	1849.994	-32.97	-13	Pass
1850	1853	0.02	/	/	/	/	/	/

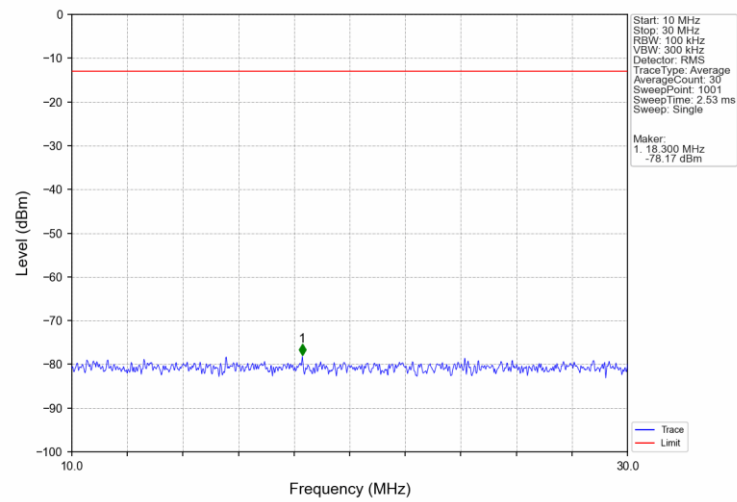
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



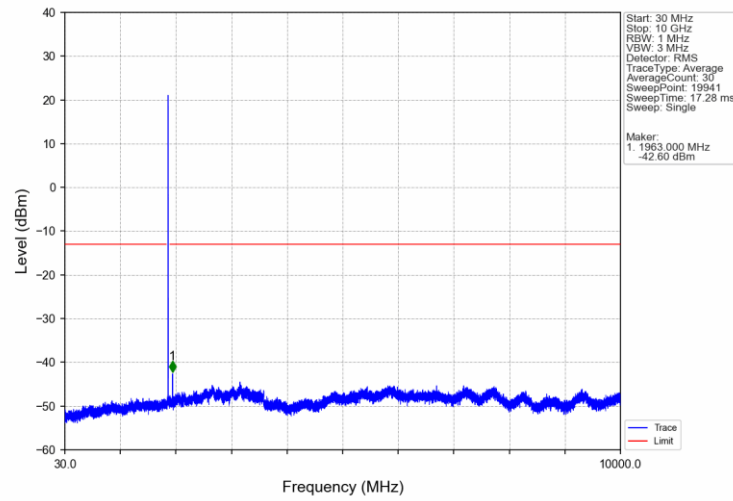
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



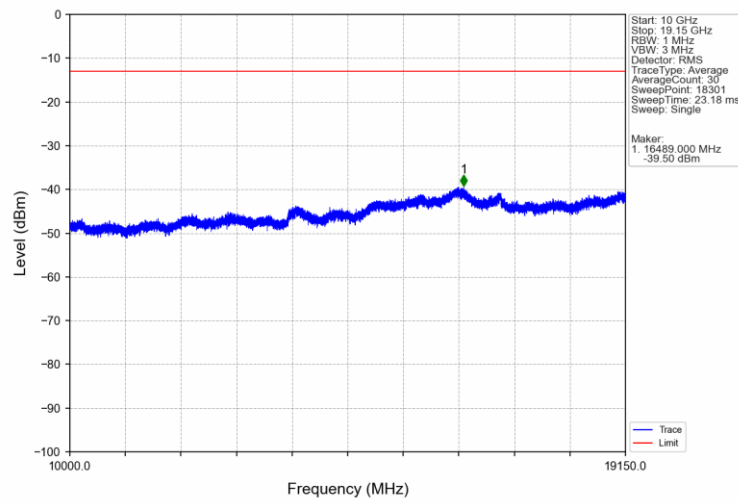
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



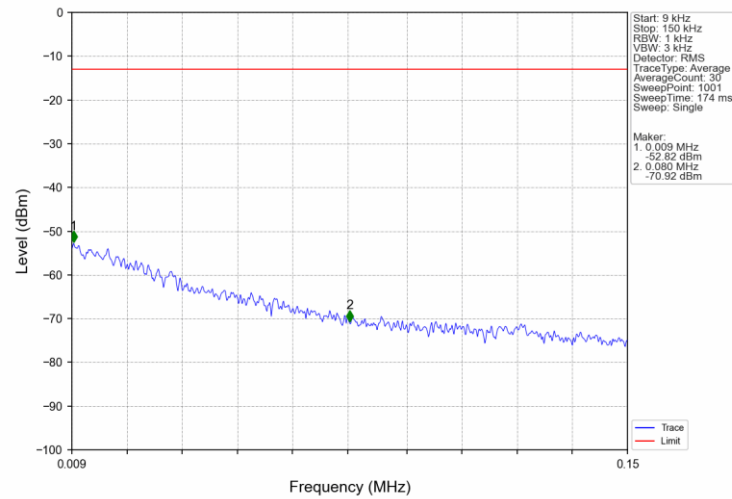
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



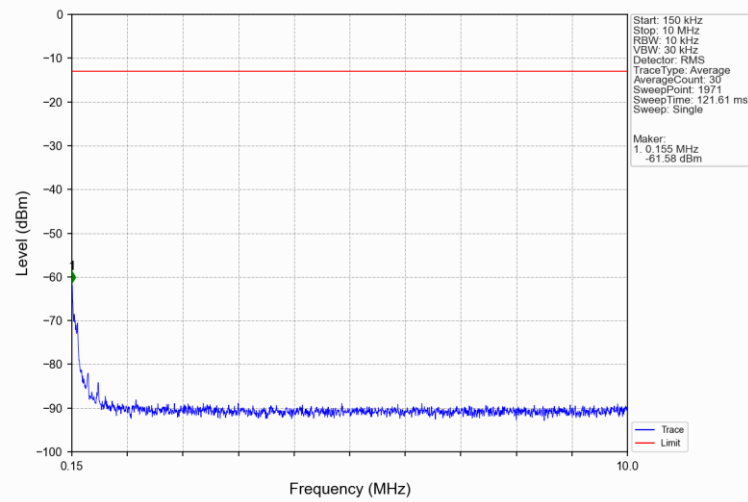
Band25 1.4MHz QPSK MCH 1882.5MHz RB 1 0 NTN



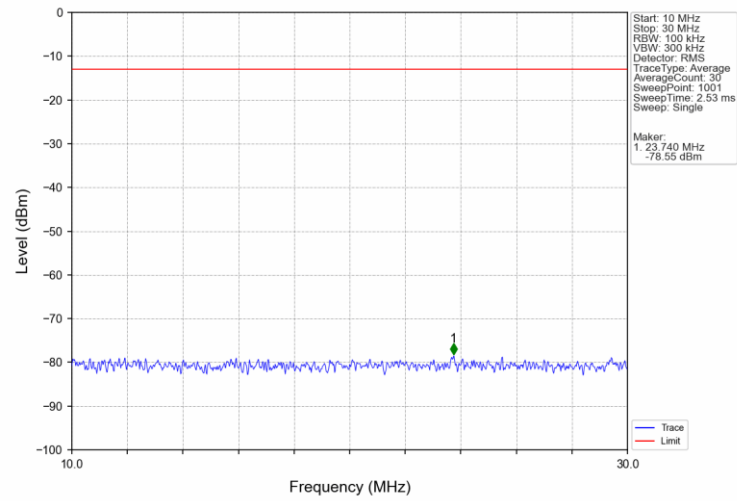
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



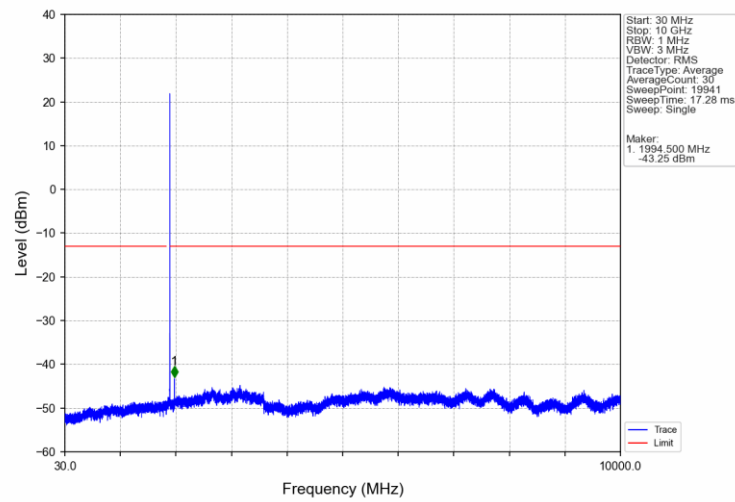
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



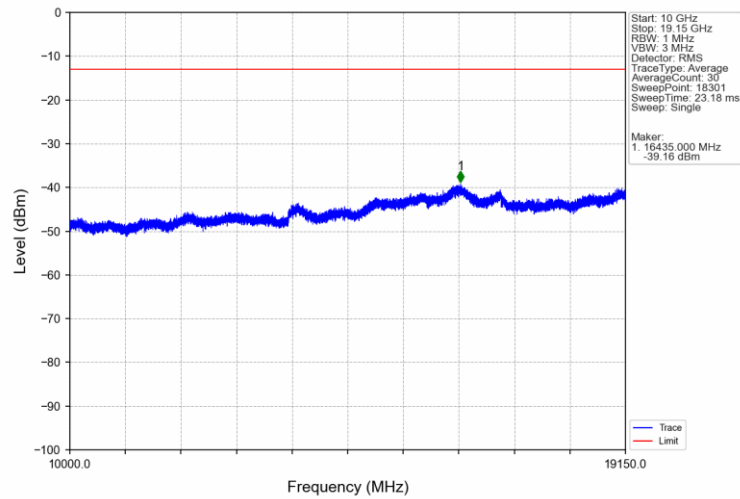
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



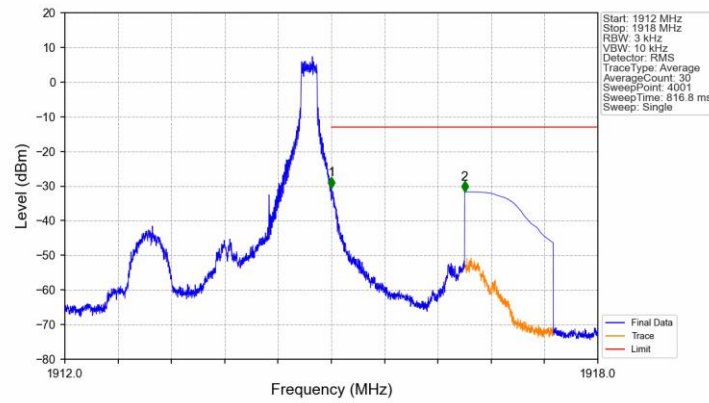
Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV



Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 0 NTNV

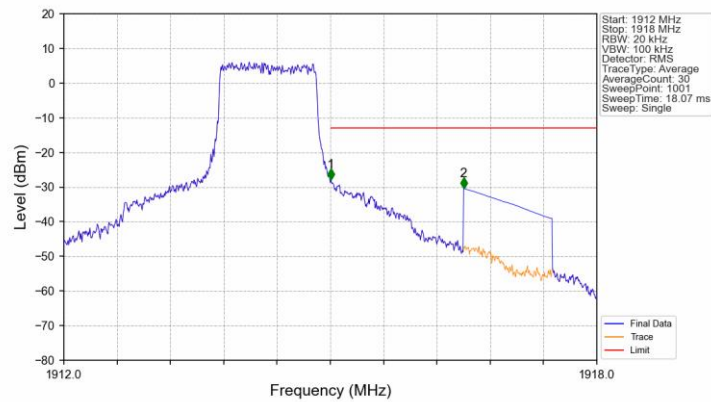


Band25 1.4MHz QPSK HCH 1914.3MHz RB 1 5 NTNV



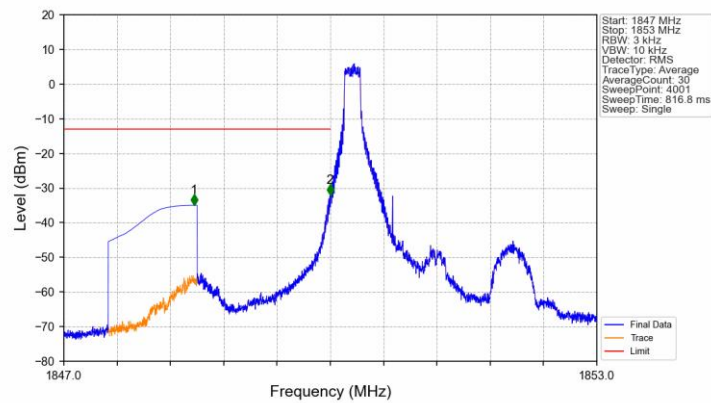
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.003	-30.49	-13	Pass
1916	1918	1	CHP	2	1916.500	-31.71	-13	Pass

Band25 1.4MHz QPSK HCH 1914.3MHz RB 6 0 NTNV



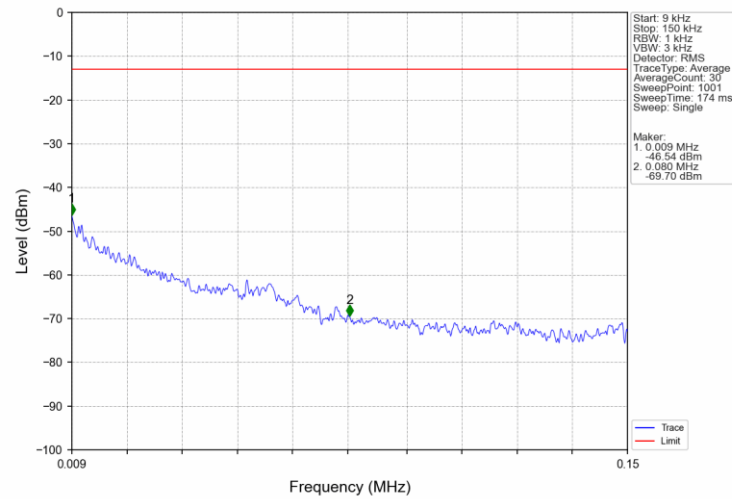
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.02	/	/	/	/	/	/
1915	1916	0.02	/	1	1915.006	-27.77	-13	Pass
1916	1918	1	CHP	2	1916.500	-30.39	-13	Pass

Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV

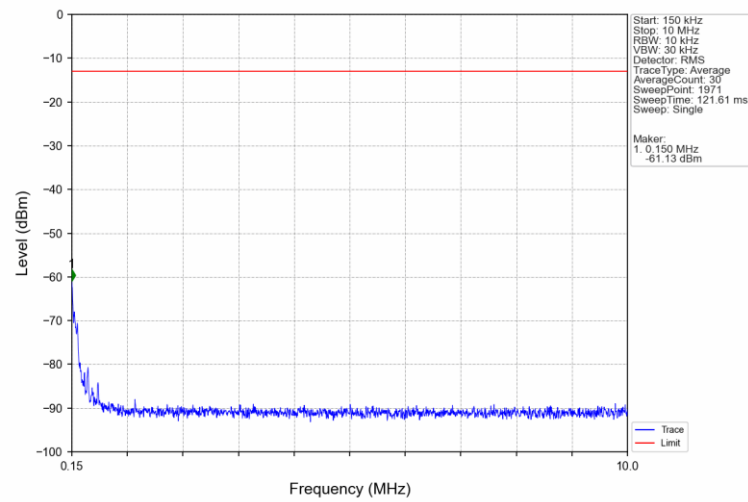


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.468	-34.99	-13	Pass
1849	1850	0.003	/	2	1849.997	-31.97	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN

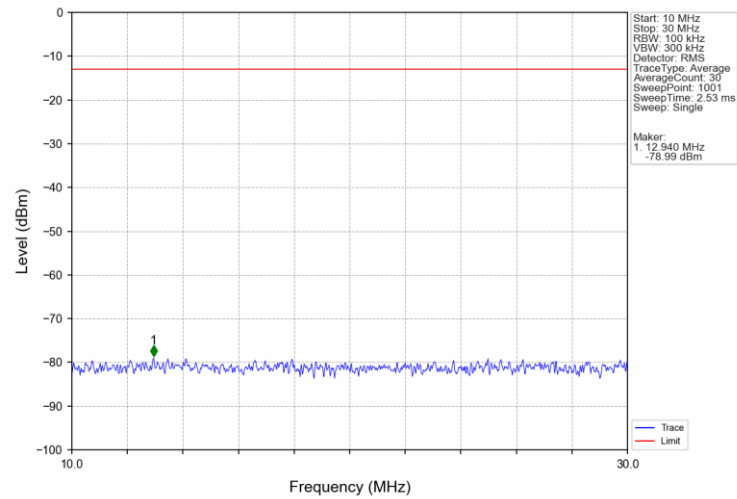


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN

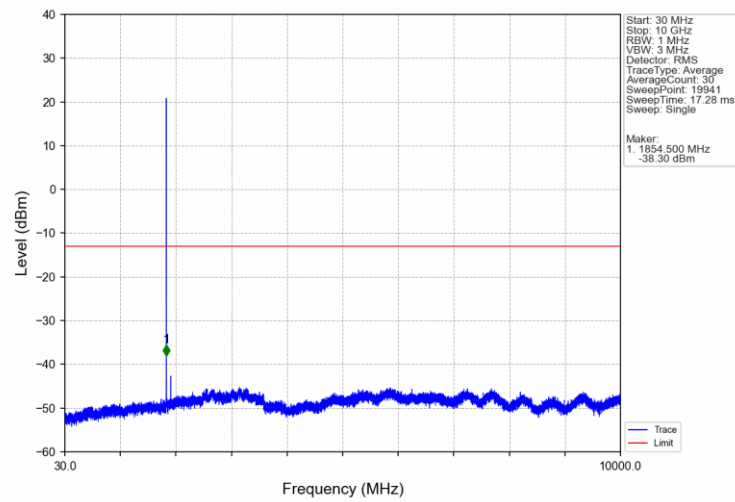




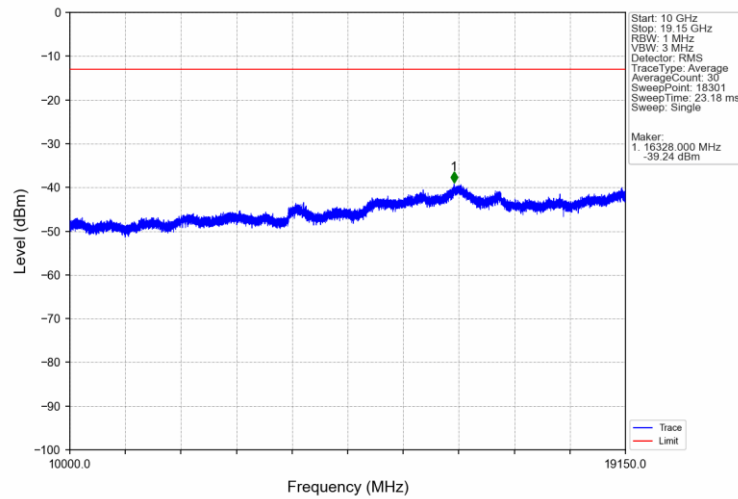
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



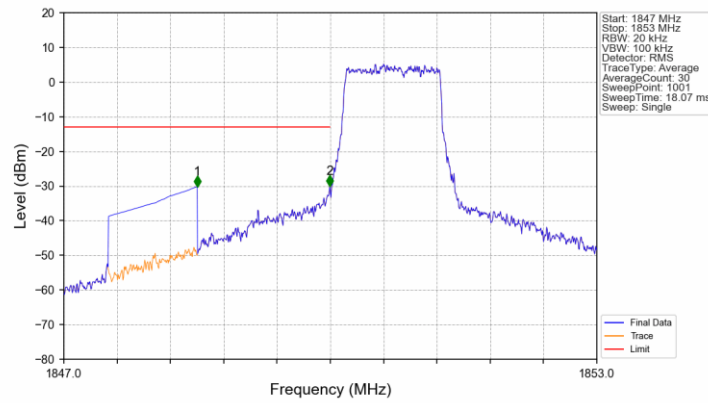
Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTN



Band25 1.4MHz 16QAM LCH 1850.7MHz RB 1 0 NTNV

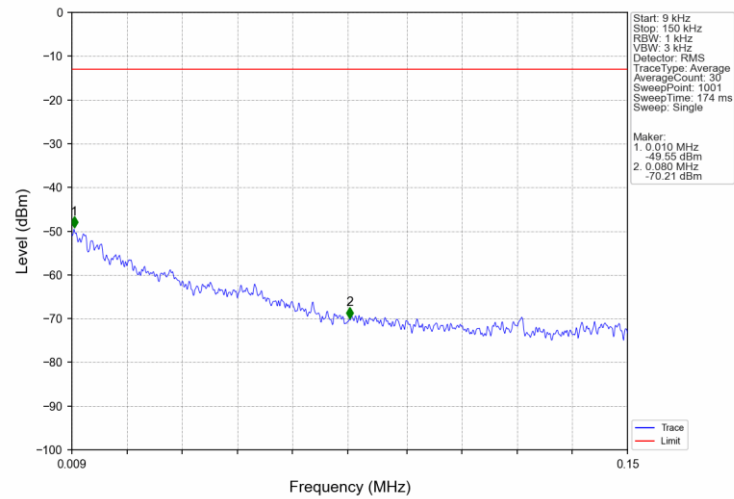


Band25 1.4MHz 16QAM LCH 1850.7MHz RB 6 0 NTNV

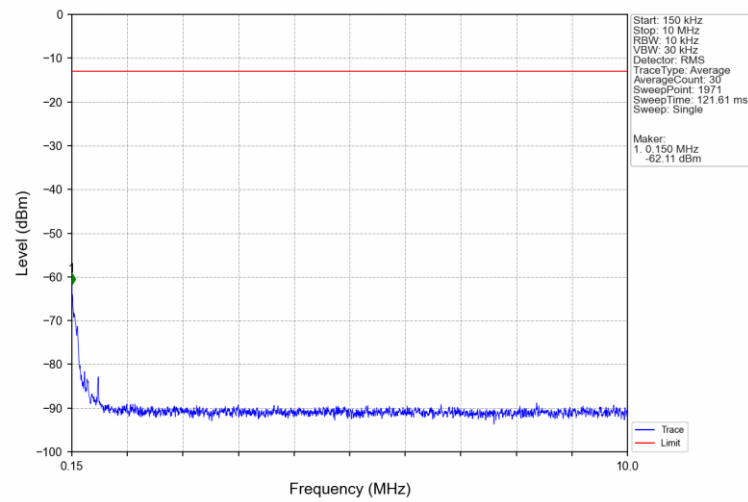


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.500	-30.25	-13	Pass
1849	1850	0.02	/	2	1849.994	-30.09	-13	Pass
1850	1853	0.02	/	/	/	/	/	/

Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN

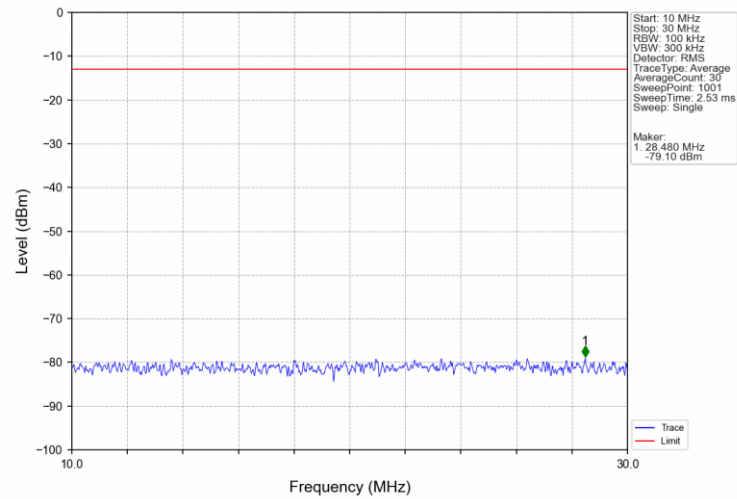


Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN

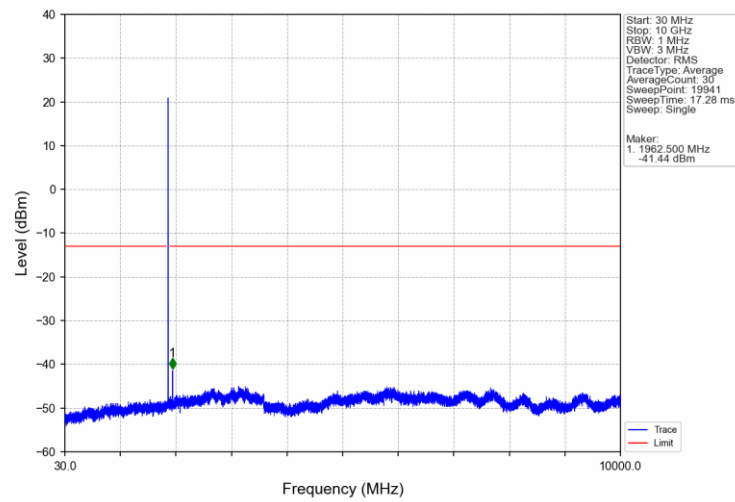




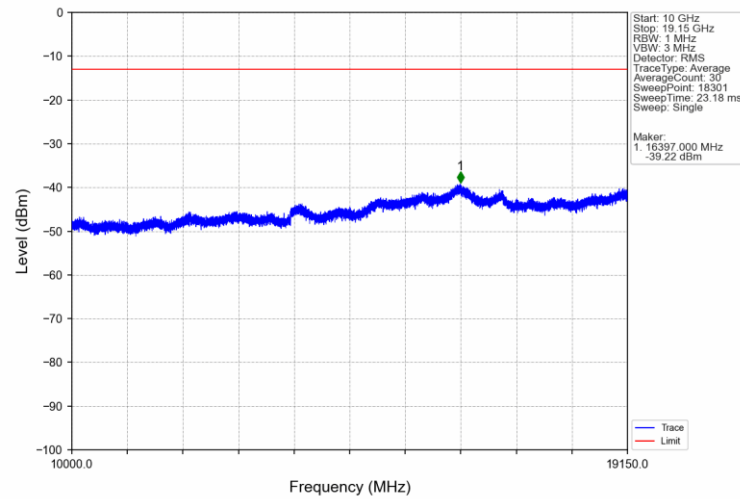
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



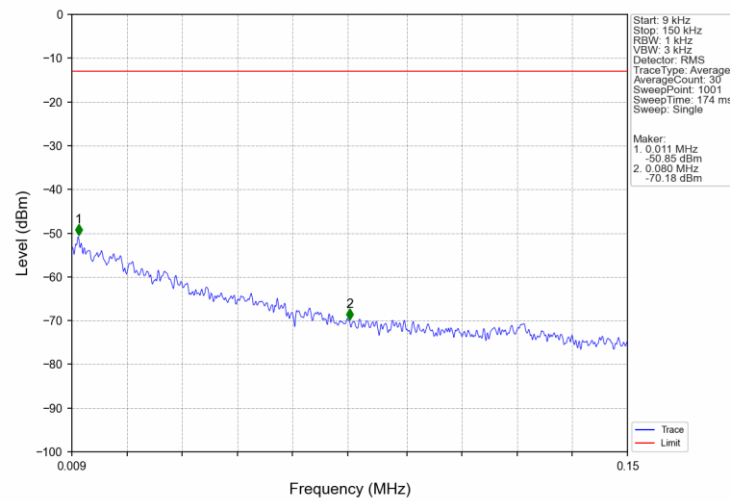
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



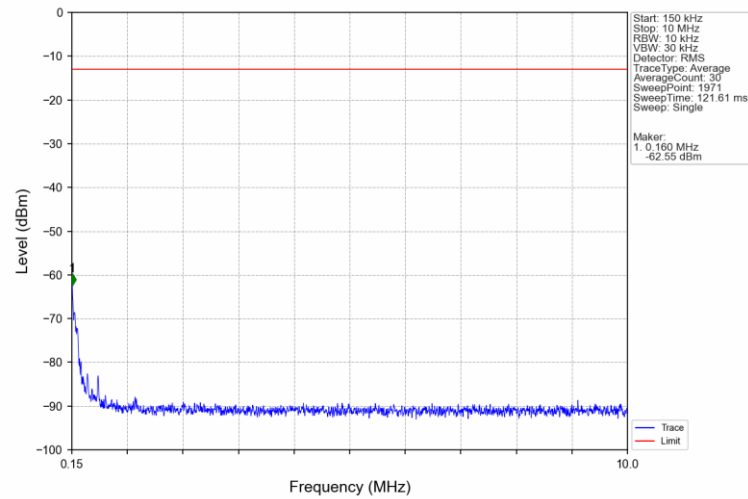
Band25 1.4MHz 16QAM MCH 1882.5MHz RB 1 0 NTN



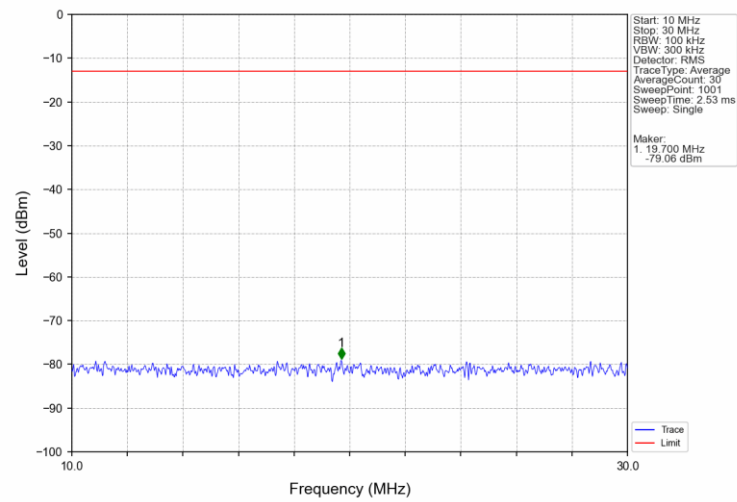
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTN



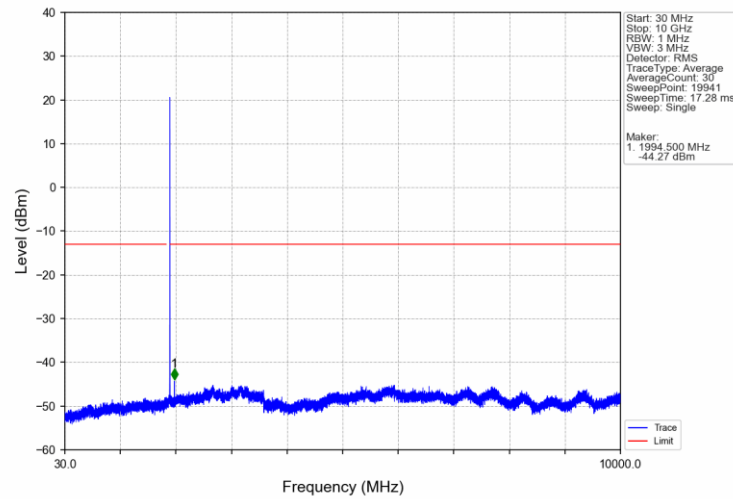
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



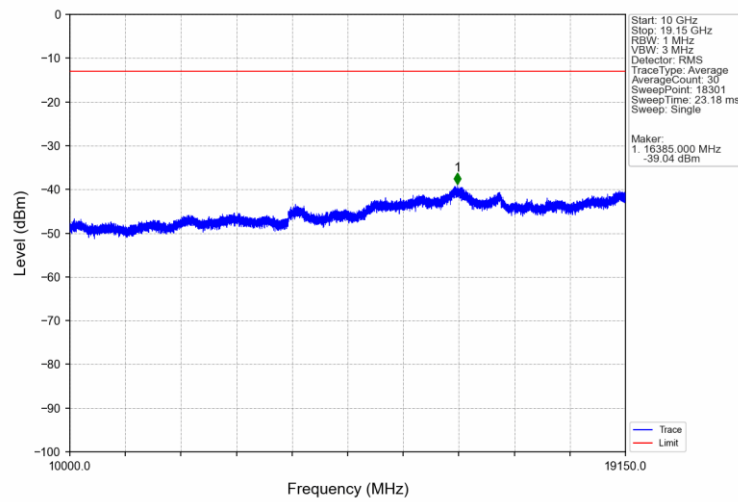
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTNV



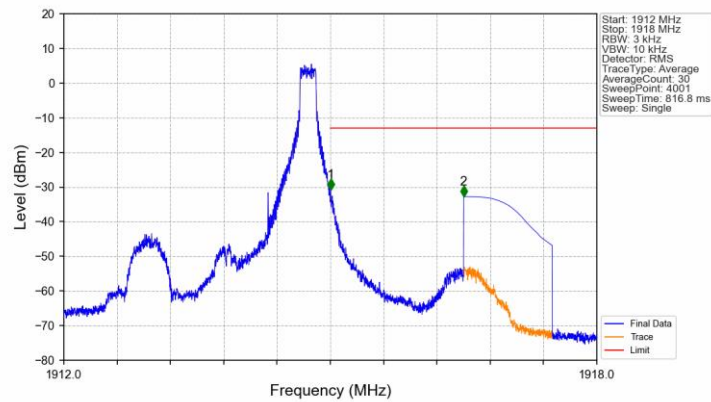
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTN



Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 0 NTN

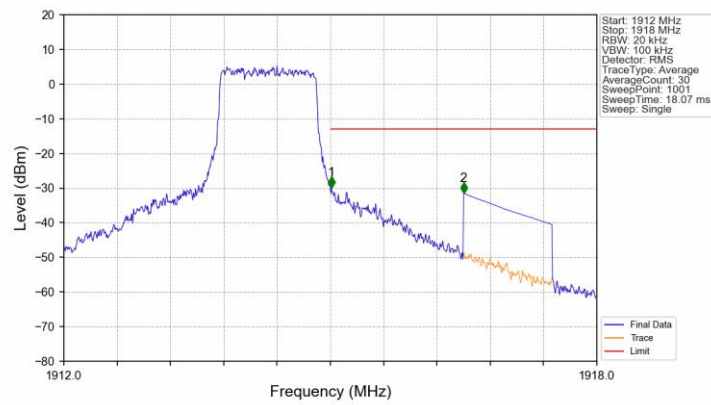


Band25 1.4MHz 16QAM HCH 1914.3MHz RB 1 5 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.005	-30.78	-13	Pass
1916	1918	1	CHP	2	1916.500	-32.79	-13	Pass

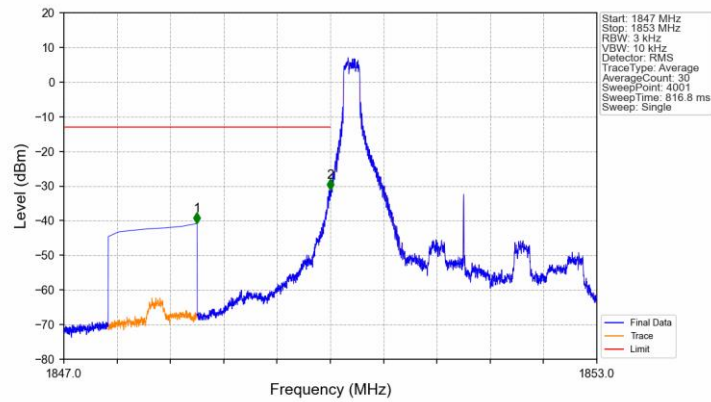
Band25 1.4MHz 16QAM HCH 1914.3MHz RB 6 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.02	/	/	/	/	/	/
1915	1916	0.02	/	1	1915.012	-29.91	-13	Pass
1916	1918	1	CHP	2	1916.500	-31.50	-13	Pass

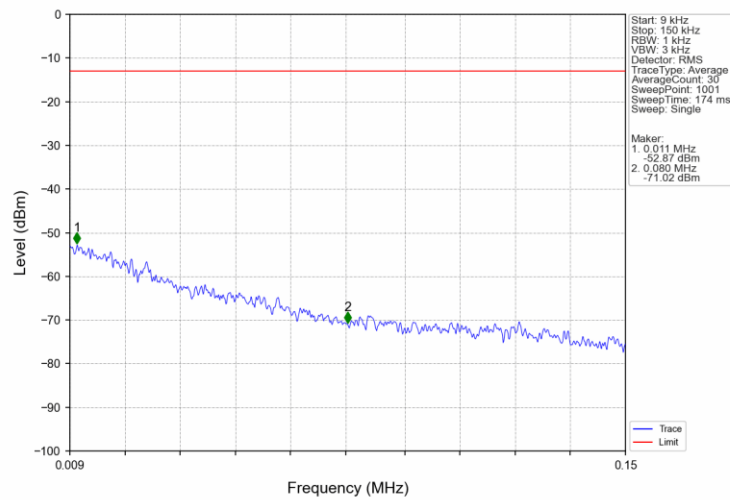
6.2.2 B25_3MHz

Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV

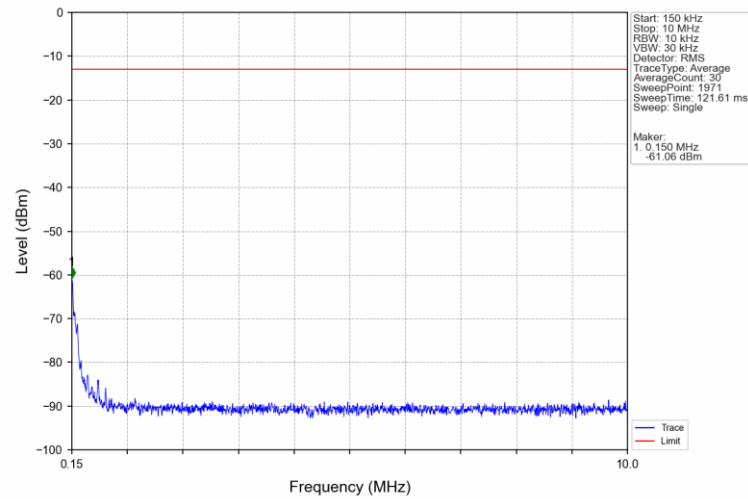


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1848.498	-40.86	-13	Pass
1849	1850	0.003	/	2	1849.998	-31.20	-13	Pass
1850	1853	0.003	/	/	/	/	/	/

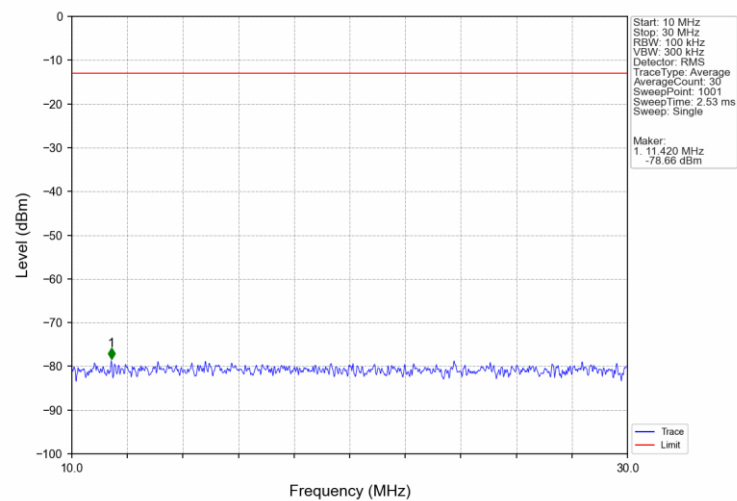
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



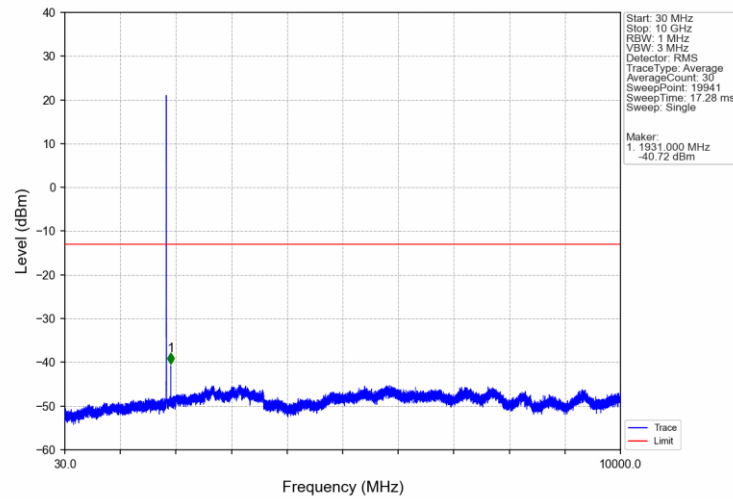
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



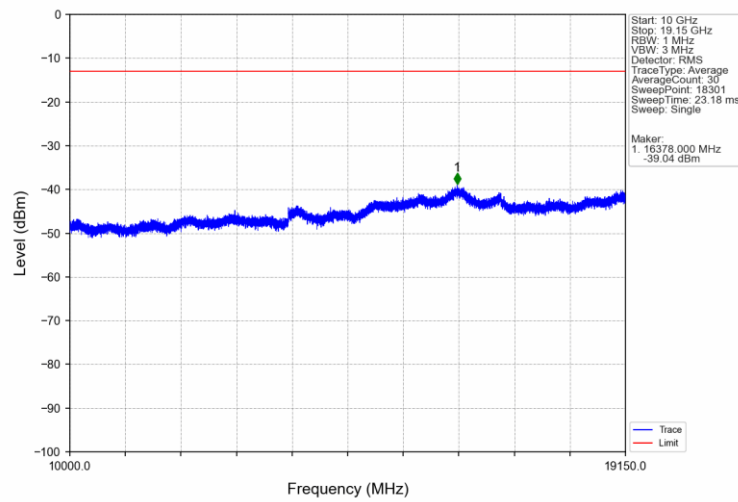
Band25_3MHz_QPSK_LCH_1851.5MHz_RB_1_0_NTNV



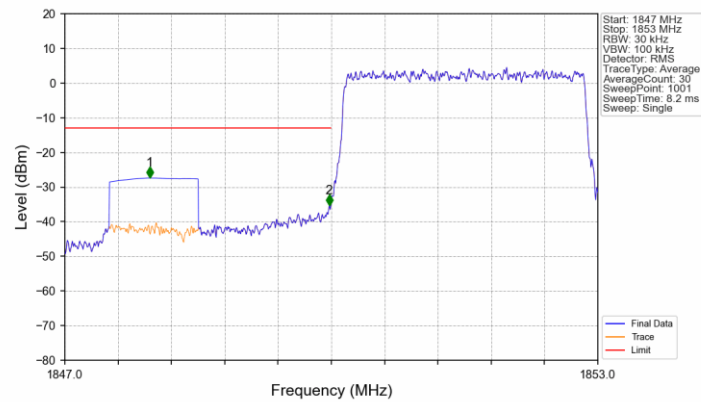
Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV



Band25 3MHz QPSK LCH 1851.5MHz RB 1 0 NTNV

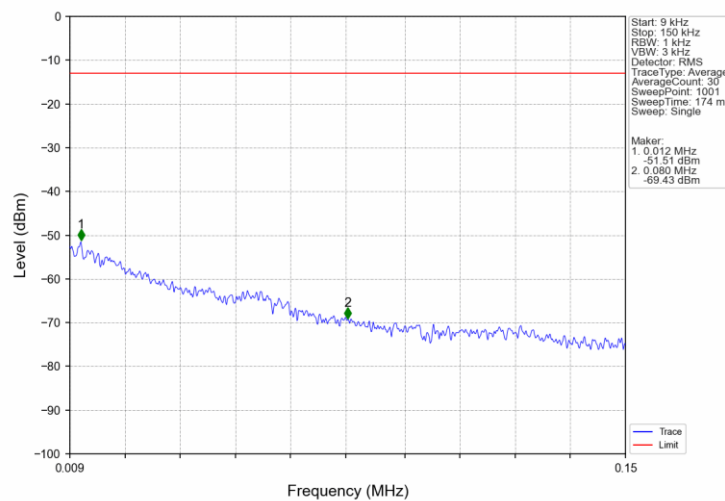


Band25 3MHz QPSK LCH 1851.5MHz RB 15 0 NTV

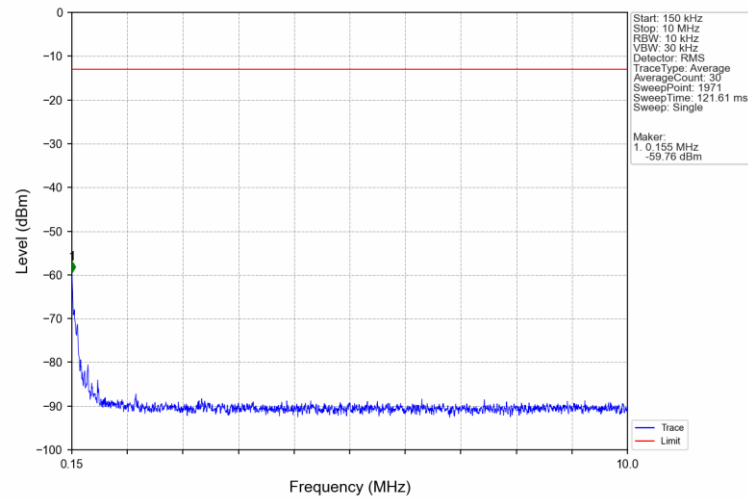


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1847	1849	1	CHP	1	1847.954	-27.38	-13	Pass
1849	1850	0.03	/	2	1849.976	-35.35	-13	Pass
1850	1853	0.03	/	/	/	/	/	/

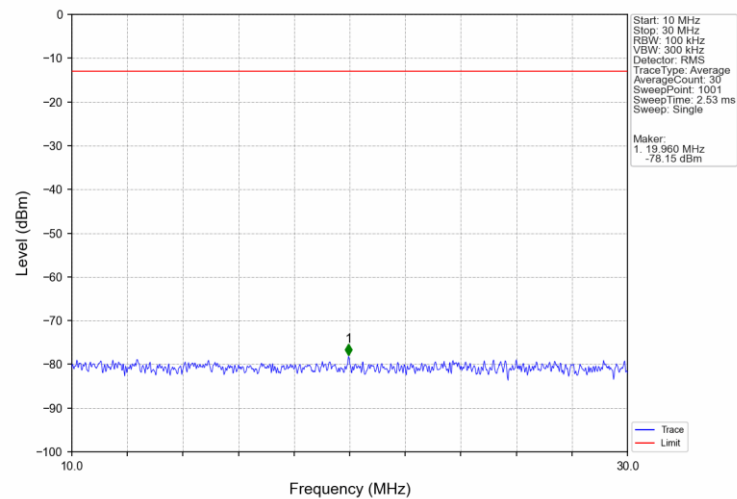
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



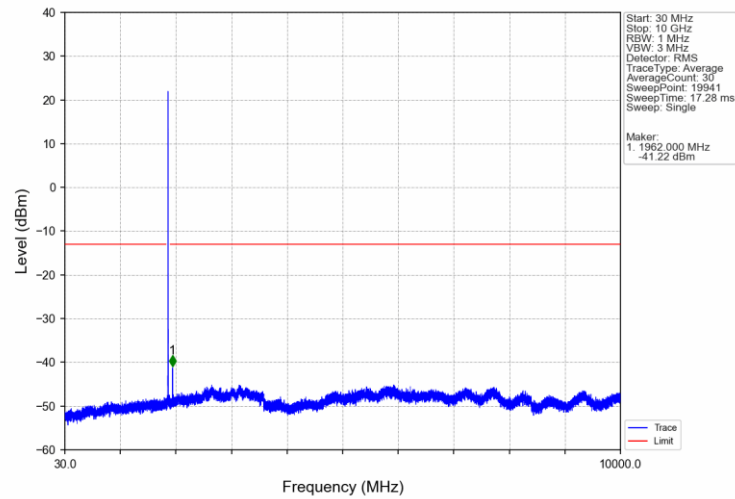
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



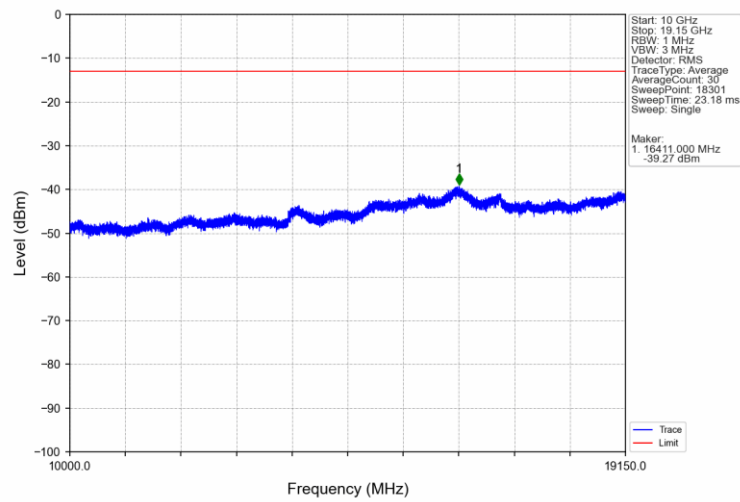
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTNV



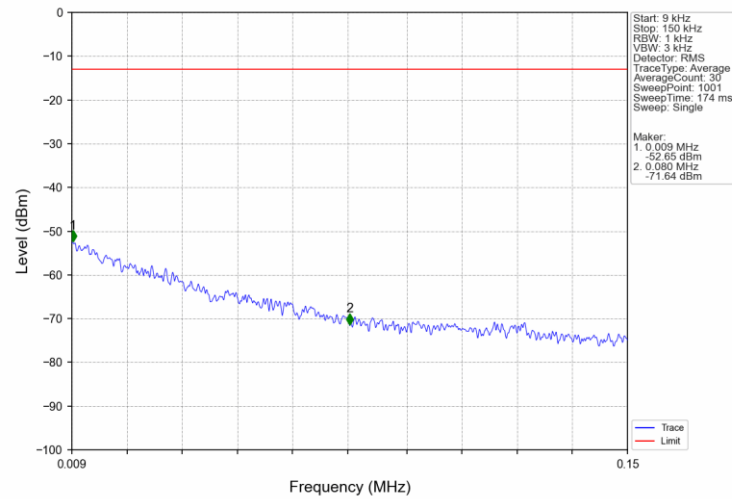
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



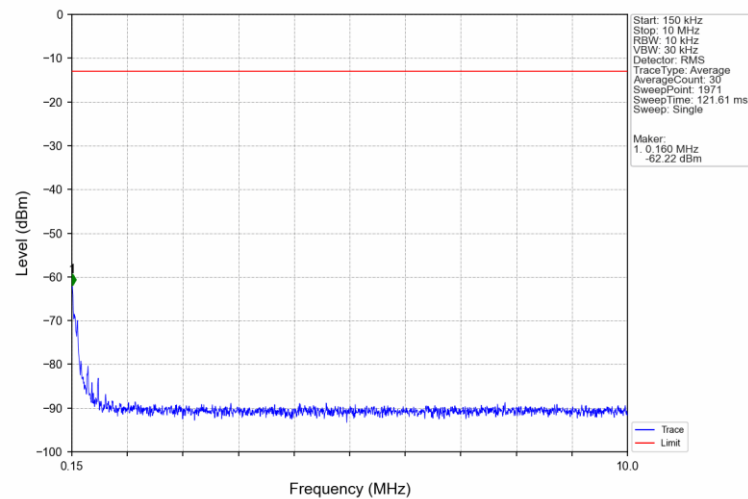
Band25 3MHz QPSK MCH 1882.5MHz RB 1 0 NTV



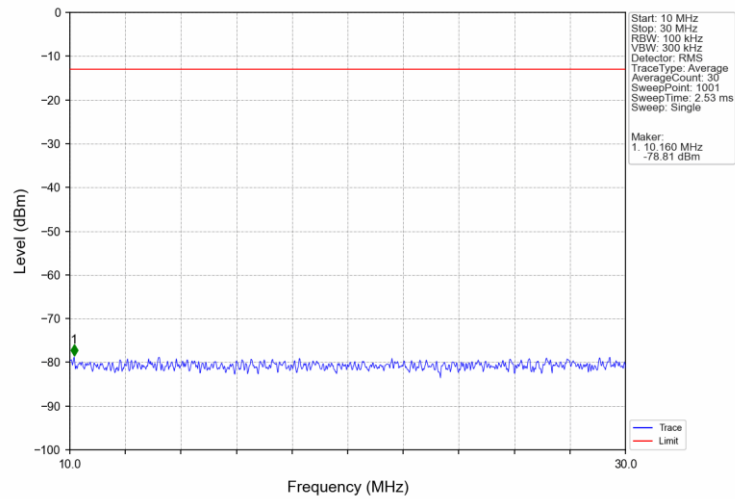
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



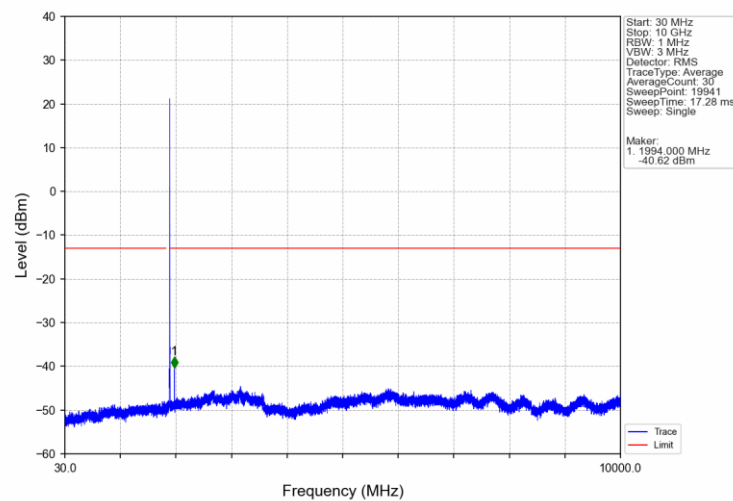
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



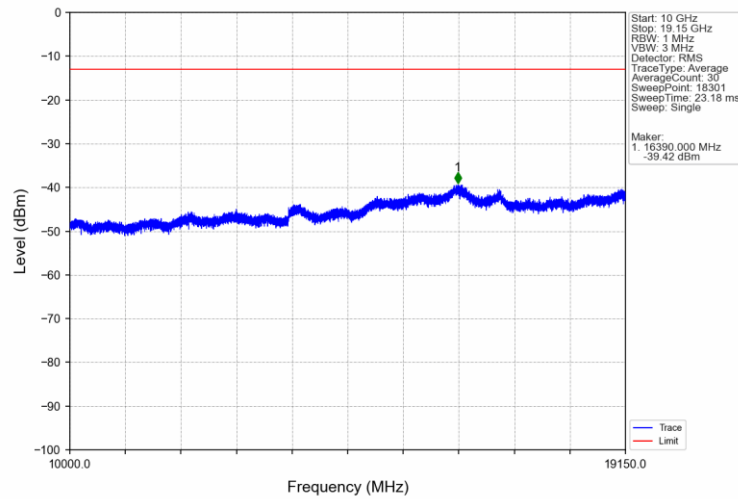
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



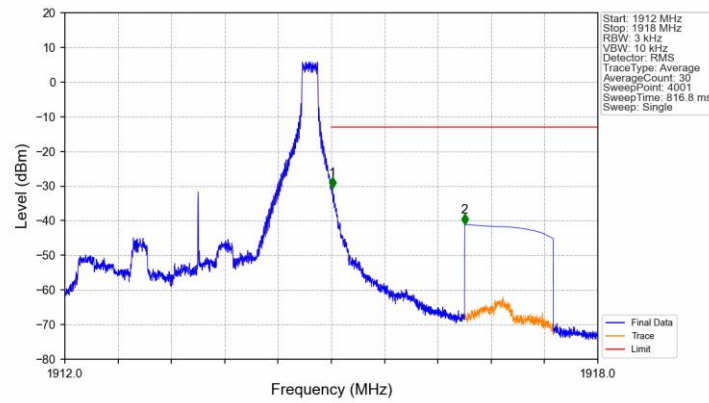
Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 0 NTNV



Band25 3MHz QPSK HCH 1913.5MHz RB 1 14 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1912	1915	0.003	/	/	/	/	/	/
1915	1916	0.003	/	1	1915.012	-30.54	-13	Pass
1916	1918	1	CHP	2	1916.500	-41.09	-13	Pass