

Band Edge

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict
GSM 850	LCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	HCH	Pass
GPRS 850	LCH	Pass
	HCH	Pass
GPRS 1900	LCH	Pass
	HCH	Pass
EGPRS 850	LCH	Pass
	HCH	Pass
EGPRS 1900	LCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	HCH	Pass
WCDMA Band 4	LCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	HCH	Pass

LTE Mode Test Verdict

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 2	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
			16-QAM	RB1#High	Pass
				RB75#High	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
				RB100#Low	Pass
			16-QAM	RB1#Low	Pass
				RB100#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB100#High	Pass
			16-QAM	RB1#High	Pass
				RB100#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
			16-QAM	RB1#High	Pass
				RB1#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
				RB75#High	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
				RB100#Low	Pass
			16-QAM	RB1#Low	Pass
				RB100#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB100#High	Pass
			16-QAM	RB1#High	Pass
				RB100#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 5	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 7	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
			16-QAM	RB1#High	Pass
				RB75#High	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
				RB100#Low	Pass
			16-QAM	RB1#Low	Pass
				RB100#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB100#High	Pass
			16-QAM	RB1#High	Pass
				RB100#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 12	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 17	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
		LCH	16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
		HCH	16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
		LCH	16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
		HCH	16-QAM	RB1#High	Pass
				RB50#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 25	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
			16-QAM	RB1#High	Pass
				RB1#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
	20 MHz	LCH	QPSK	RB75#High	Pass
				RB1#Low	Pass
			16-QAM	RB100#Low	Pass
				RB1#Low	Pass
		HCH	QPSK	RB100#Low	Pass
				RB1#High	Pass
			16-QAM	RB100#High	Pass
				RB1#High	Pass
			16-QAM	RB100#High	Pass
				RB1#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
LTE Band 26(Part 22)	1.4 MHz	LCH	QPSK	RB1#LOW	Pass
				RB6#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB6#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB6#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB6#HIGH	Pass
	3 MHz	LCH	QPSK	RB1#LOW	Pass
				RB15#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB15#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB15#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB15#HIGH	Pass
	5 MHz	LCH	QPSK	RB1#LOW	Pass
				RB25#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB25#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB25#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB25#HIGH	Pass
	10 MHz	LCH	QPSK	RB1#LOW	Pass
				RB50#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB50#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB50#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB50#HIGH	Pass
	15 MHz	LCH	QPSK	RB1#LOW	Pass
				RB75#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB75#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB75#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB1#HIGH	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
				RB75#HIGH	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
LTE Band 26(Part 90)	1.4 MHz	LCH	QPSK	RB1#LOW	Pass
				RB6#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB6#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB6#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB6#HIGH	Pass
	3 MHz	LCH	QPSK	RB1#LOW	Pass
				RB15#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB15#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB15#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB15#HIGH	Pass
	5 MHz	LCH	QPSK	RB1#LOW	Pass
				RB25#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB25#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB25#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB25#HIGH	Pass
	10 MHz	LCH	QPSK	RB1#LOW	Pass
				RB50#LOW	Pass
			16-QAM	RB1#LOW	Pass
				RB50#LOW	Pass
		HCH	QPSK	RB1#HIGH	Pass
				RB50#HIGH	Pass
			16-QAM	RB1#HIGH	Pass
				RB50#HIGH	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 38	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
			16-QAM	RB1#High	Pass
				RB75#High	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
				RB100#Low	Pass
			16-QAM	RB1#Low	Pass
				RB100#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB100#High	Pass
			16-QAM	RB1#High	Pass
				RB100#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 41(120M)	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
			16-QAM	RB1#High	Pass
				RB75#High	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
				RB100#Low	Pass
			16-QAM	RB1#Low	Pass
				RB100#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB100#High	Pass
			16-QAM	RB1#High	Pass
				RB100#High	Pass

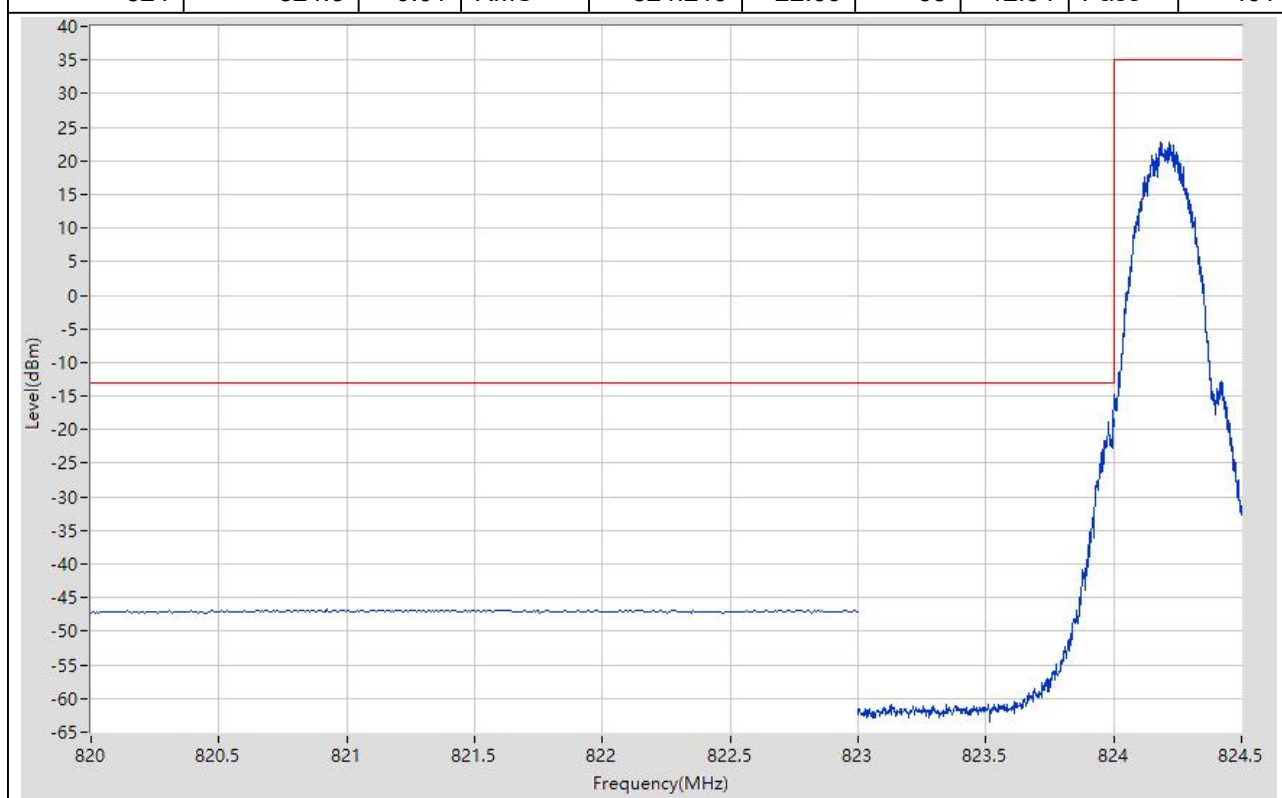
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#Low	Pass
				RB6#Low	Pass
			16-QAM	RB1#Low	Pass
				RB6#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB6#High	Pass
			16-QAM	RB1#High	Pass
				RB6#High	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
				RB15#Low	Pass
			16-QAM	RB1#Low	Pass
				RB15#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB15#High	Pass
			16-QAM	RB1#High	Pass
				RB15#High	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
				RB25#Low	Pass
			16-QAM	RB1#Low	Pass
				RB25#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB25#High	Pass
			16-QAM	RB1#High	Pass
				RB25#High	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
				RB50#Low	Pass
			16-QAM	RB1#Low	Pass
				RB50#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB50#High	Pass
			16-QAM	RB1#High	Pass
				RB50#High	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
				RB75#Low	Pass
			16-QAM	RB1#Low	Pass
				RB75#Low	Pass
		HCH	QPSK	RB1#High	Pass
				RB75#High	Pass
		HCH	16-QAM	RB1#High	Pass
				RB1#High	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
	20 MHz	LCH	QPSK	RB75#High	Pass
				RB1#Low	Pass
			16-QAM	RB100#Low	Pass
				RB1#Low	Pass
		HCH	QPSK	RB100#Low	Pass
				RB1#High	Pass
			16-QAM	RB100#High	Pass
				RB1#High	Pass
			16-QAM	RB100#High	Pass
				RB100#High	Pass

1. GSM_GSM850

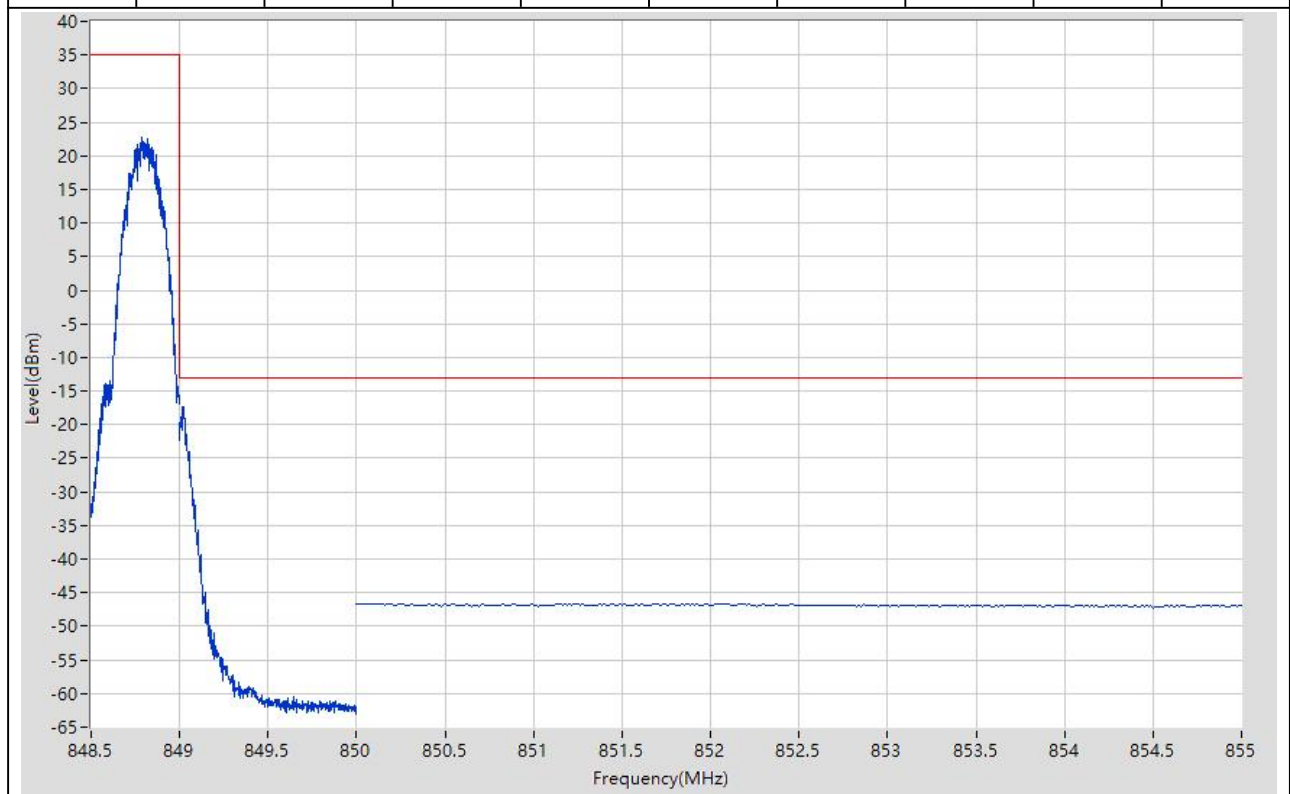
1.1 GSM Band Edge_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
820	823	0.1	RMS	820.923	-46.73	-13	33.73	Pass	401
823	824	0.003	RMS	823.998	-17.12	-13	4.12	Pass	401
824	824.5	0.01	RMS	824.219	22.66	35	12.34	Pass	401



1.2 GSM Band Edge_Part22-24(NTNV)(Channel:251)

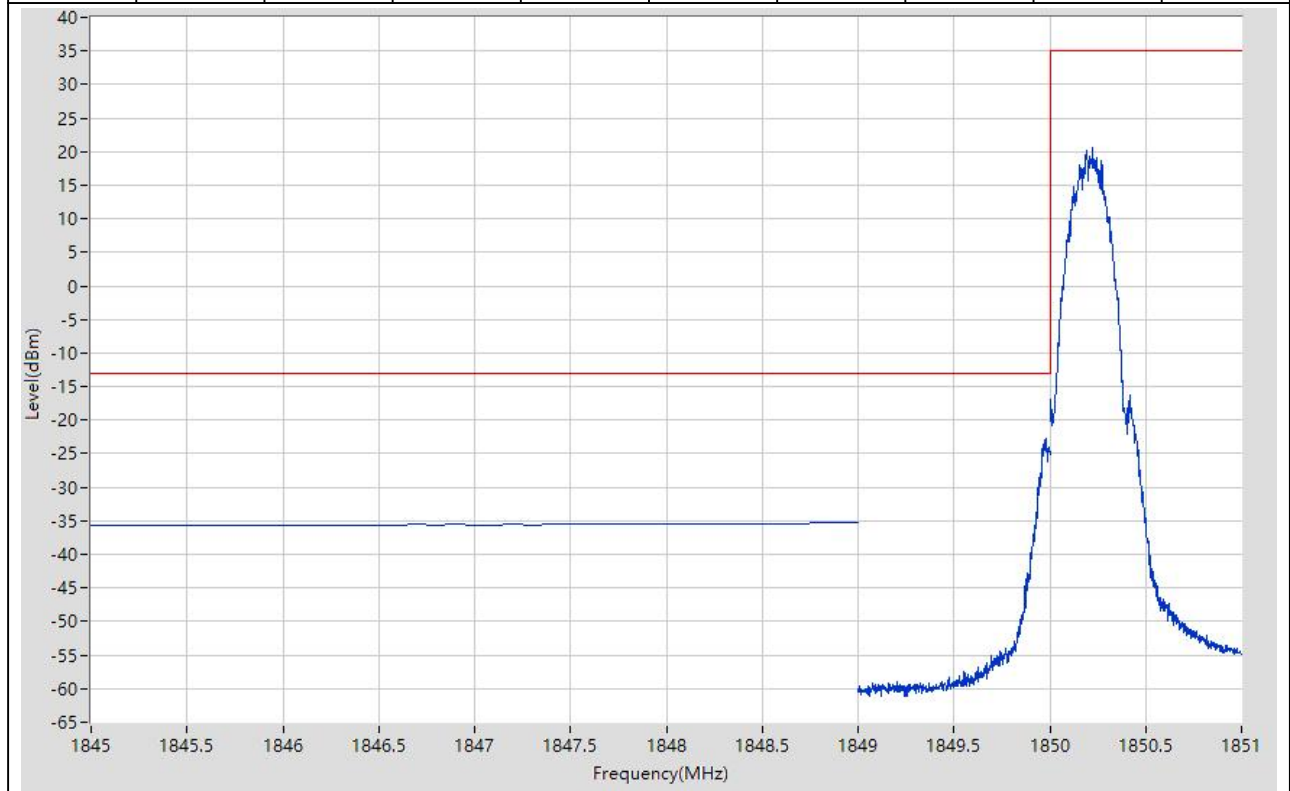
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
848.5	849	0.01	RMS	848.784	22.76	35	12.24	Pass	401
849	850	0.003	RMS	849.018	-17.43	-13	4.43	Pass	401
850	855	0.1	RMS	850.25	-46.6	-13	33.6	Pass	401



2. GSM_PCS

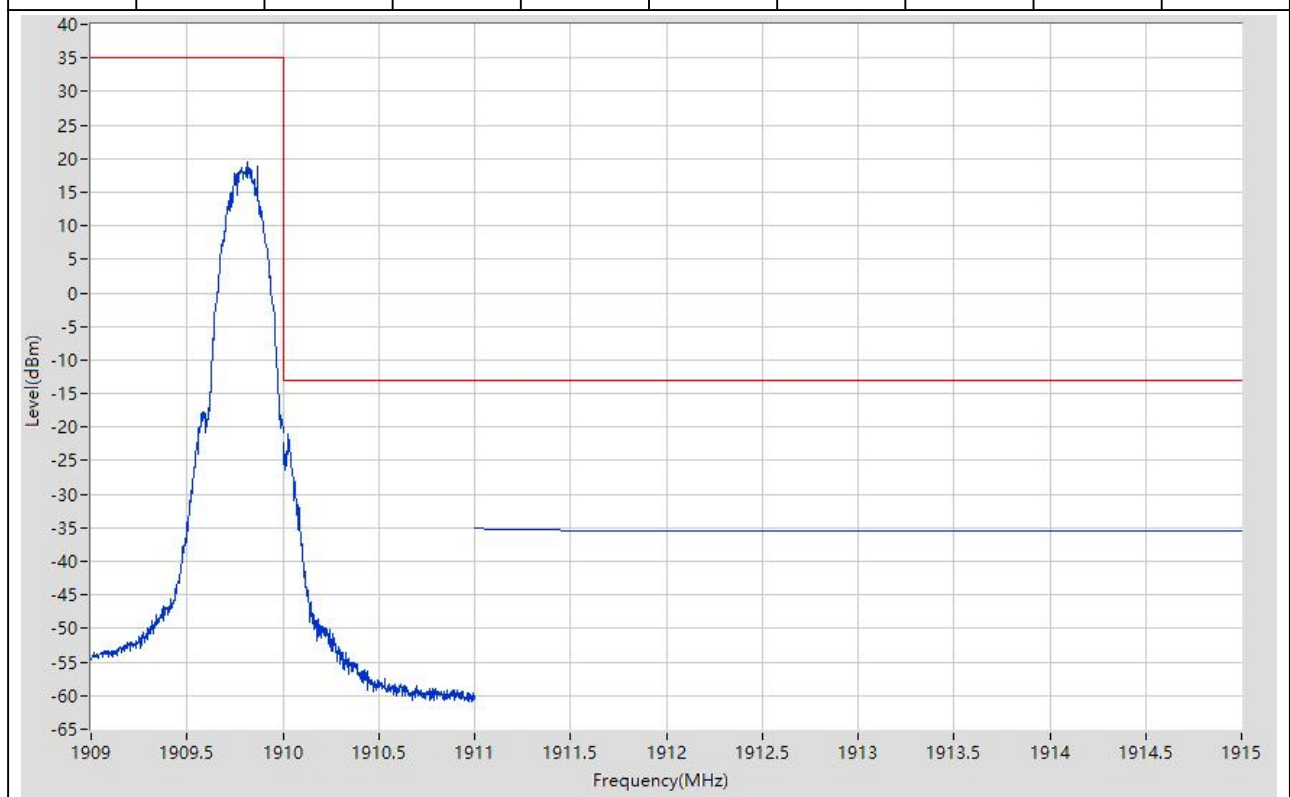
2.1 GSM Band Edge_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1845	1849	1	RMS	1849	-35.19	-13	22.19	Pass	41
1849	1850	0.003	RMS	1849.98	-22.64	-13	9.64	Pass	401
1850	1851	0.01	RMS	1850.223	20.62	35	14.38	Pass	401



2.2 GSM Band Edge_Part22-24(NTNV)(Channel:810)

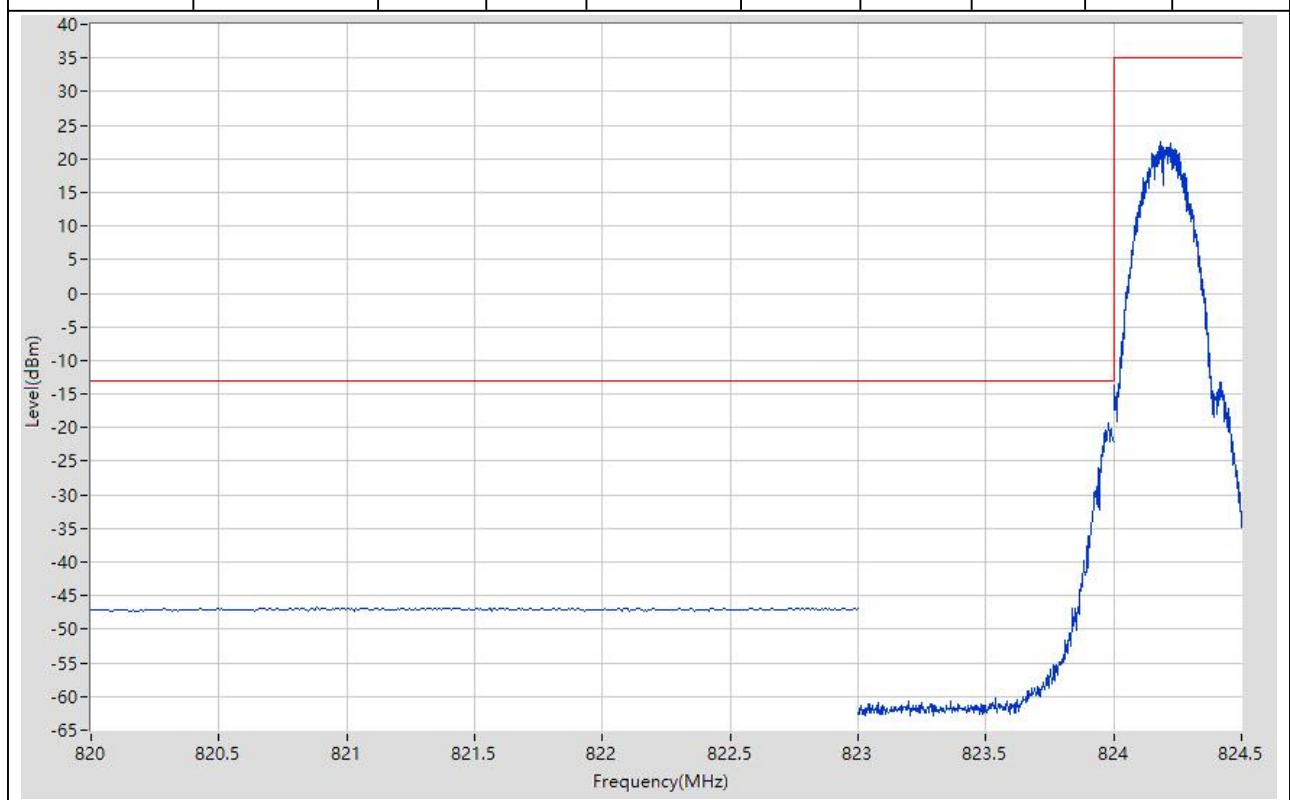
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1909	1910	0.01	RMS	1909.818	19.58	35	15.42	Pass	401
1910	1911	0.003	RMS	1910.028	-21.07	-13	8.07	Pass	401
1911	1915	1	RMS	1911	-34.98	-13	21.98	Pass	41



1. GPRS_GSM850

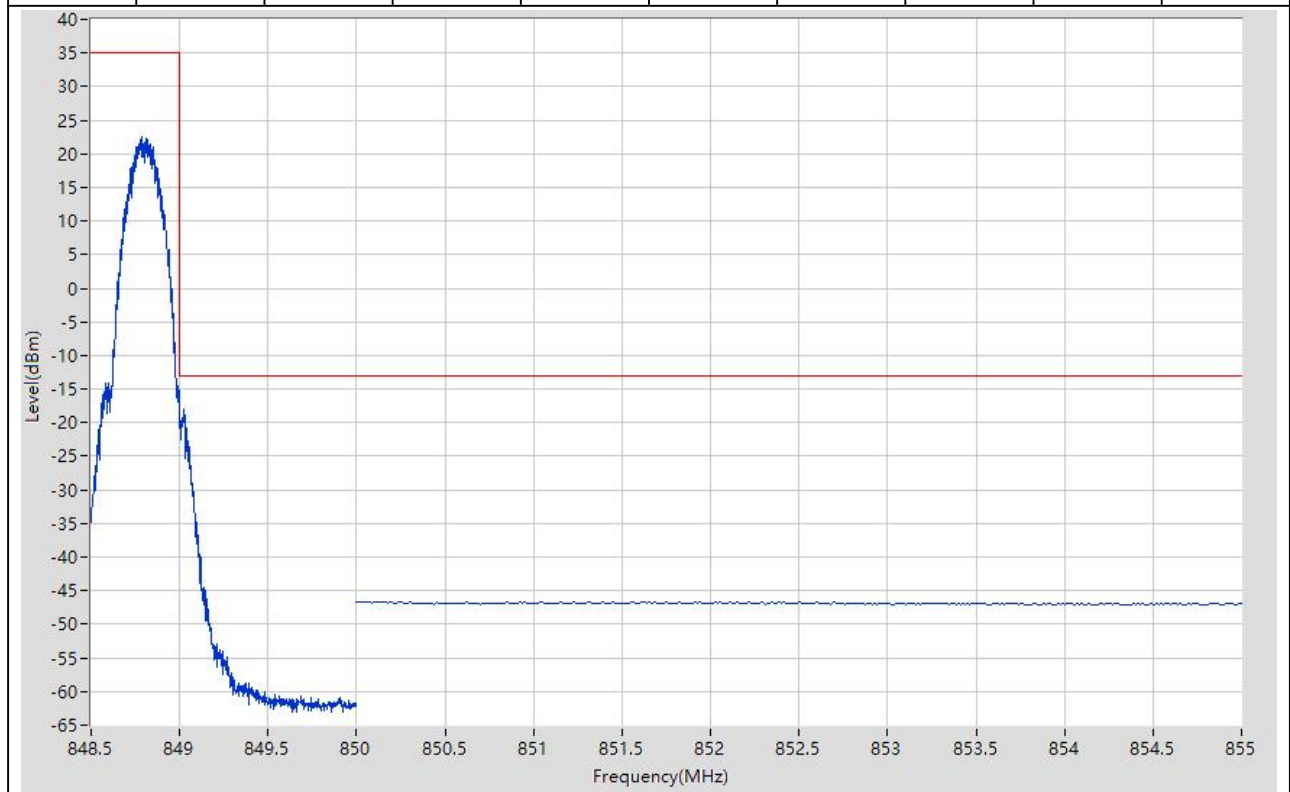
1.2 GPRS Band Edge_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
820	823	0.1	RMS	820.885	-46.75	-13	33.75	Pass	401
823	824	0.003	RMS	823.98	-19.37	-13	6.37	Pass	401
824	824.5	0.01	RMS	824.183	22.52	35	12.48	Pass	401



1.3 GPRS Band Edge_Part22-24(NTNV)(Channel:251)

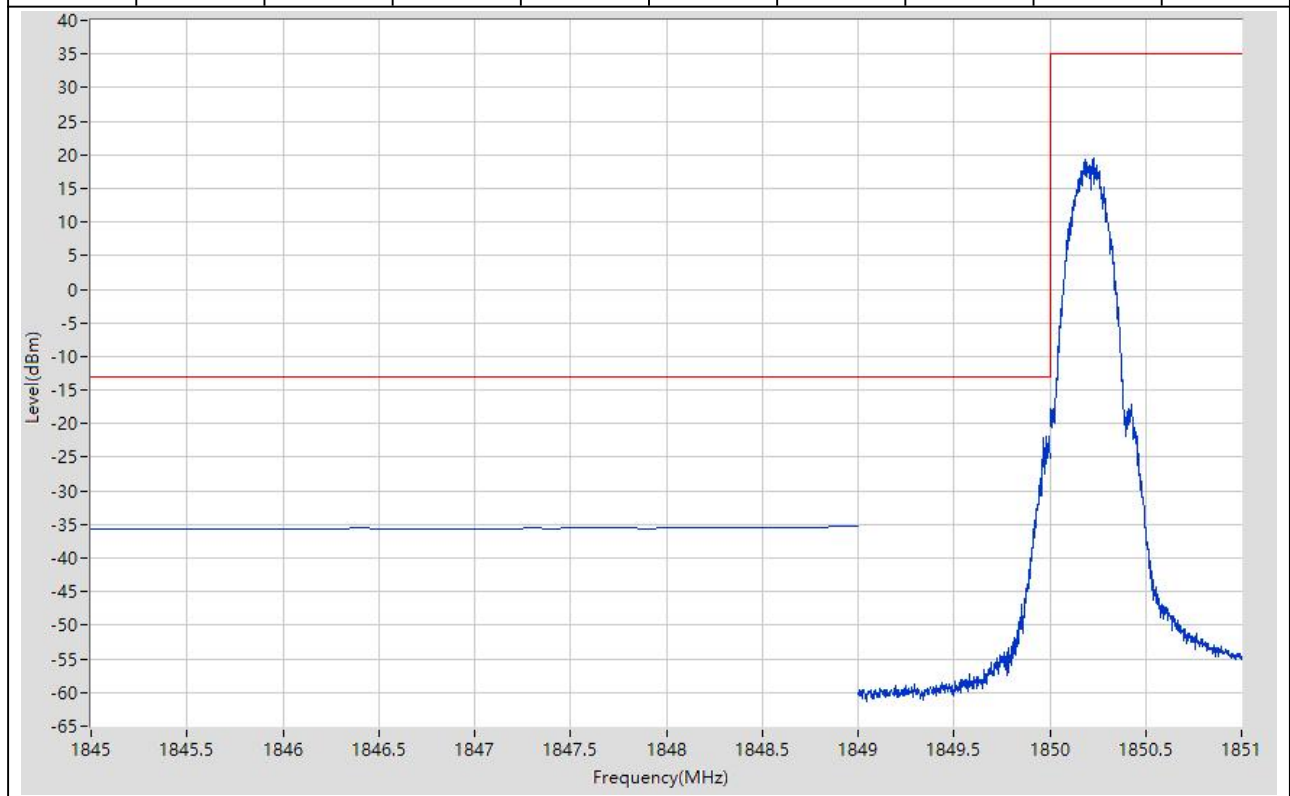
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
848.5	849	0.01	RMS	848.784	22.5	35	12.5	Pass	401
849	850	0.003	RMS	849.025	-18.05	-13	5.05	Pass	401
850	855	0.1	RMS	850.063	-46.59	-13	33.59	Pass	401



2. GPRS_PCS

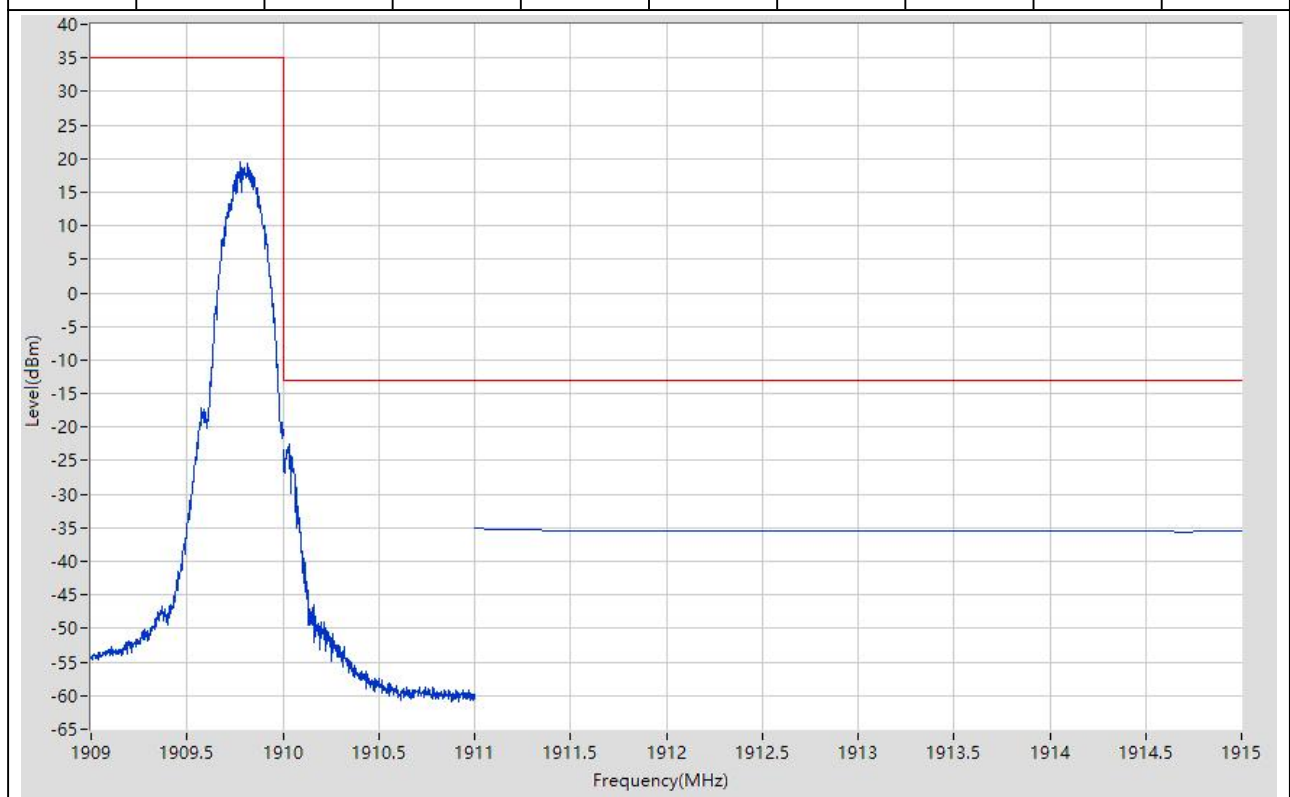
2.1 GPRS Band Edge_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1845	1849	1	RMS	1849	-35.23	-13	22.23	Pass	41
1849	1850	0.003	RMS	1849.995	-21.85	-13	8.85	Pass	401
1850	1851	0.01	RMS	1850.233	19.61	35	15.39	Pass	401



2.2 GPRS Band Edge_Part22-24(NTNV)(Channel:810)

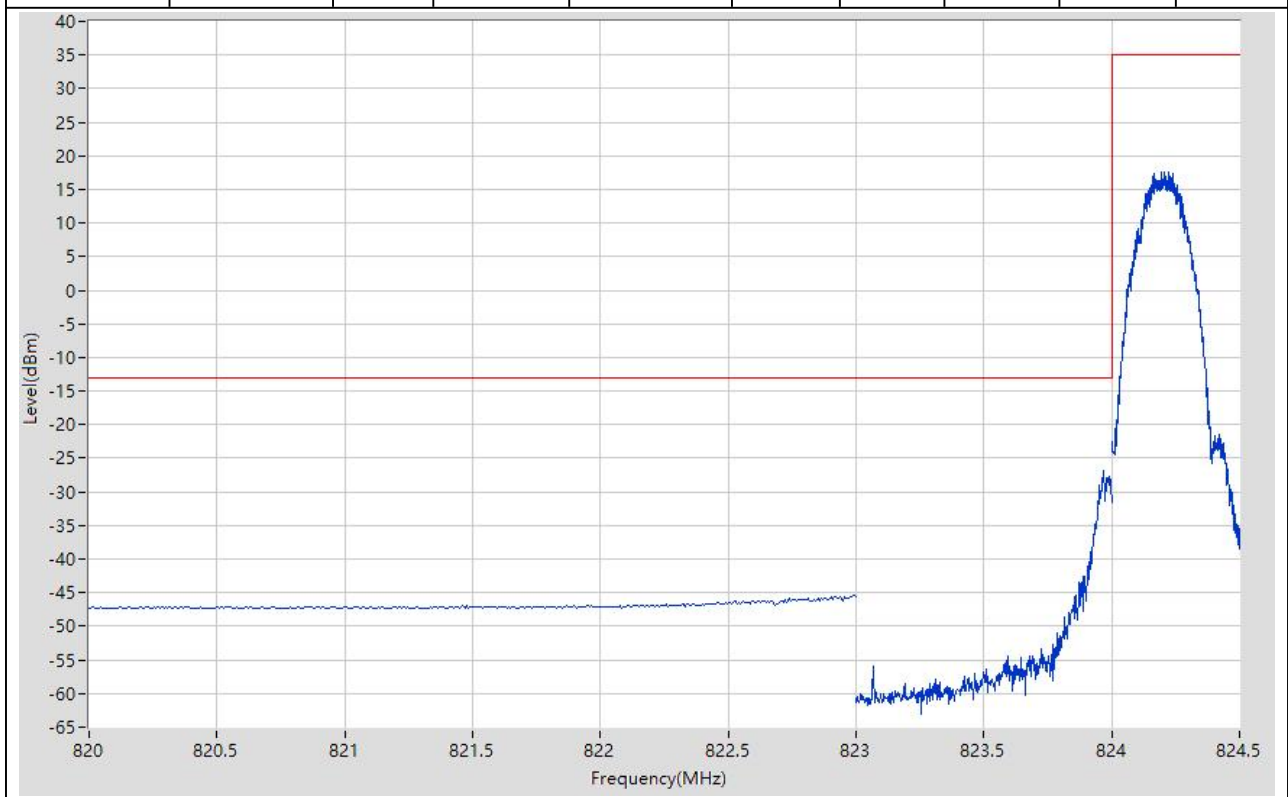
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1909	1910	0.01	RMS	1909.778	19.52	35	15.48	Pass	401
1910	1911	0.003	RMS	1910.038	-22.55	-13	9.55	Pass	401
1911	1915	1	RMS	1911	-35.01	-13	22.01	Pass	41



1. EGPRS_GSM850

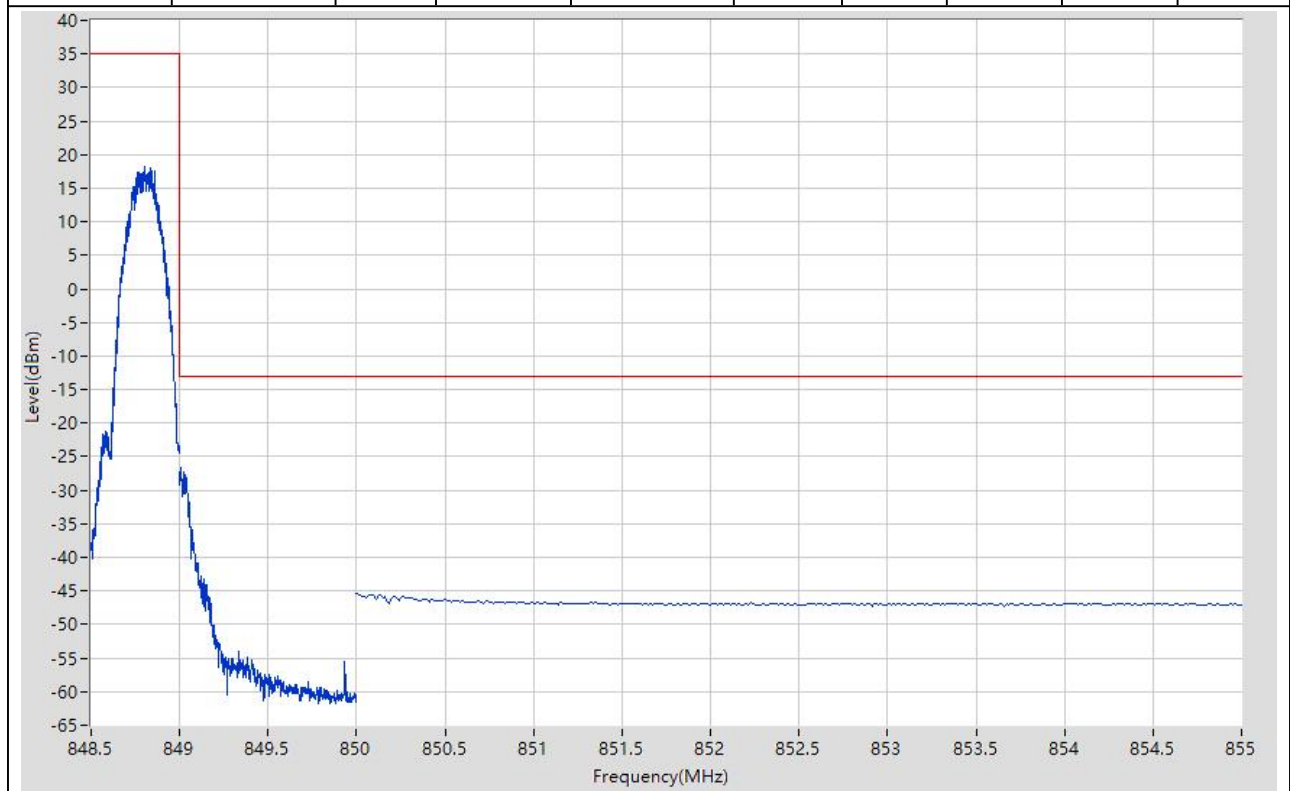
1.1 EGPRS Band Edge_Part22-24(NTNV)(Channel:128)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
820	823	0.1	RMS	822.993	-45.36	-13	32.36	Pass	401
823	824	0.003	RMS	823.968	-26.8	-13	13.8	Pass	401
824	824.5	0.01	RMS	824.225	17.59	35	17.41	Pass	401



1.2 EGPRS Band Edge_Part22-24(NTNV)(Channel:251)

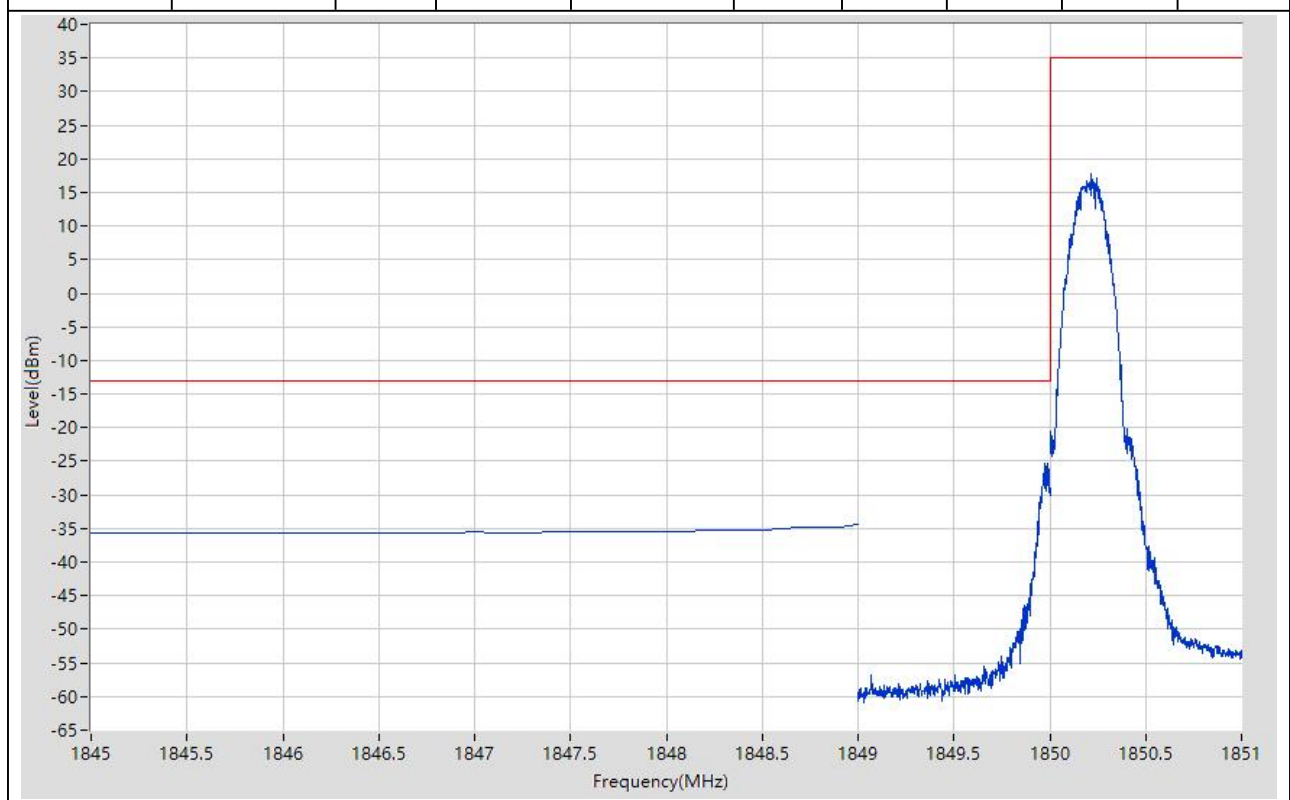
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
848.5	849	0.01	RMS	848.805	18.13	35	16.87	Pass	401
849	850	0.003	RMS	849.005	-26.7	-13	13.7	Pass	401
850	855	0.1	RMS	850	-45.48	-13	32.48	Pass	401



2. EGPRS_PCS

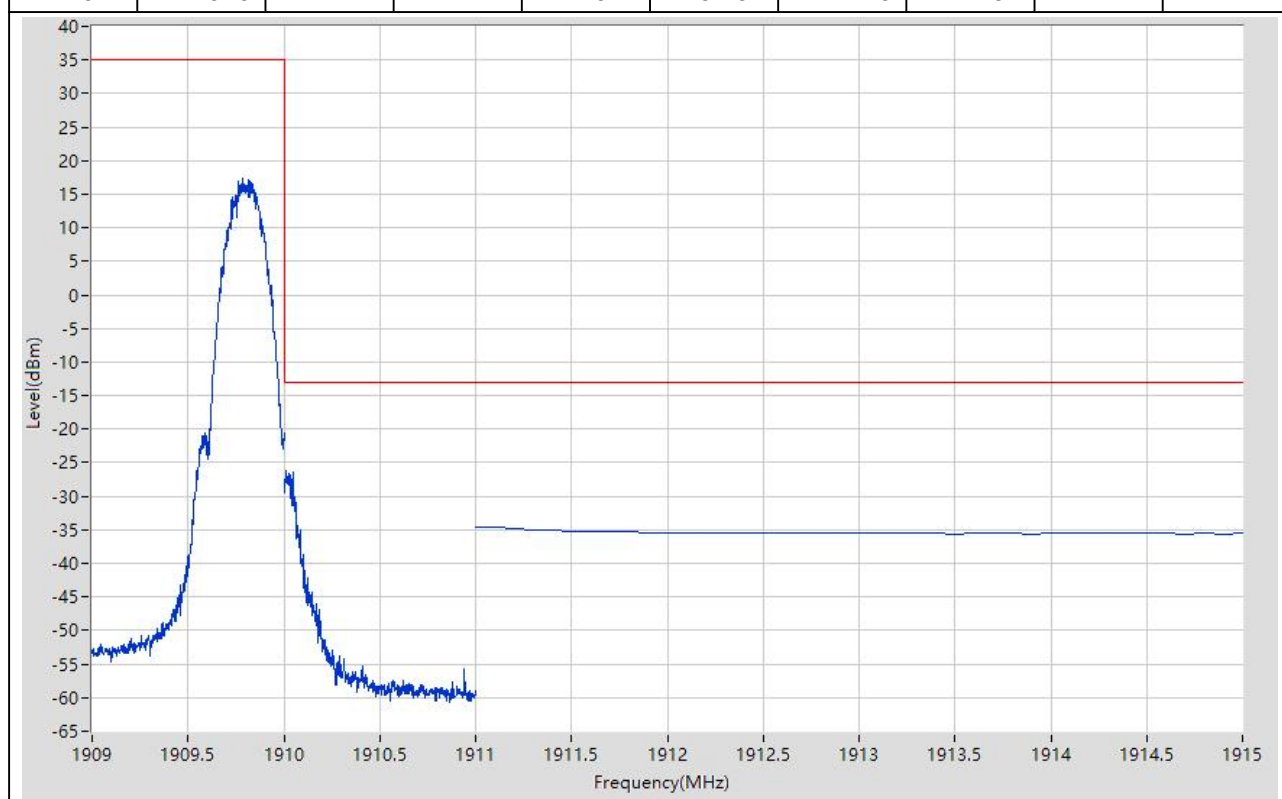
2.1 EGPRS Band Edge_Part22-24(NTNV)(Channel:512)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1845	1849	1	RMS	1849	-34.48	-13	21.48	Pass	41
1849	1850	0.003	RMS	1849.988	-25.27	-13	12.27	Pass	401
1850	1851	0.01	RMS	1850.215	17.76	35	17.24	Pass	401



2.2 EGPRS Band Edge_Part22-24(NTNV)(Channel:810)

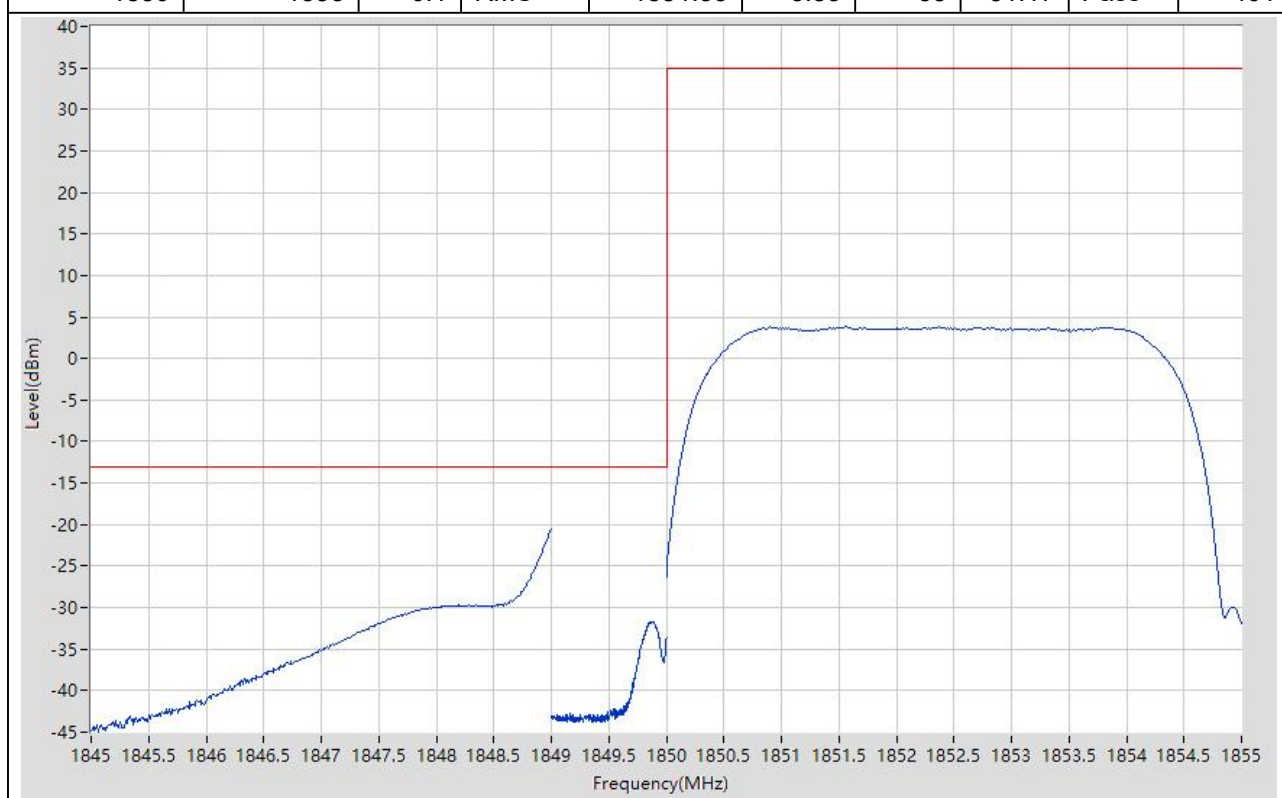
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1909	1910	0.01	RMS	1909.788	17.35	35	17.65	Pass	401
1910	1911	0.003	RMS	1910.013	-26.15	-13	13.15	Pass	401
1911	1915	1	RMS	1911	-34.52	-13	21.52	Pass	41



1. WCDMA_Band2

1.1 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:9262)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1845	1849	1	RMS	1849	-20.49	-13	7.49	Pass	401
1849	1850	0.051	RMS	1849.888	-31.67	-13	18.67	Pass	401
1850	1855	0.1	RMS	1851.55	3.83	35	31.17	Pass	401



1.2 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:9538)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1905	1910	0.1	RMS	1906.675	4	35	31	Pass	401
1910	1911	0.051	RMS	1910	-31.15	-13	18.15	Pass	401
1911	1915	1	RMS	1911	-21.27	-13	8.27	Pass	401



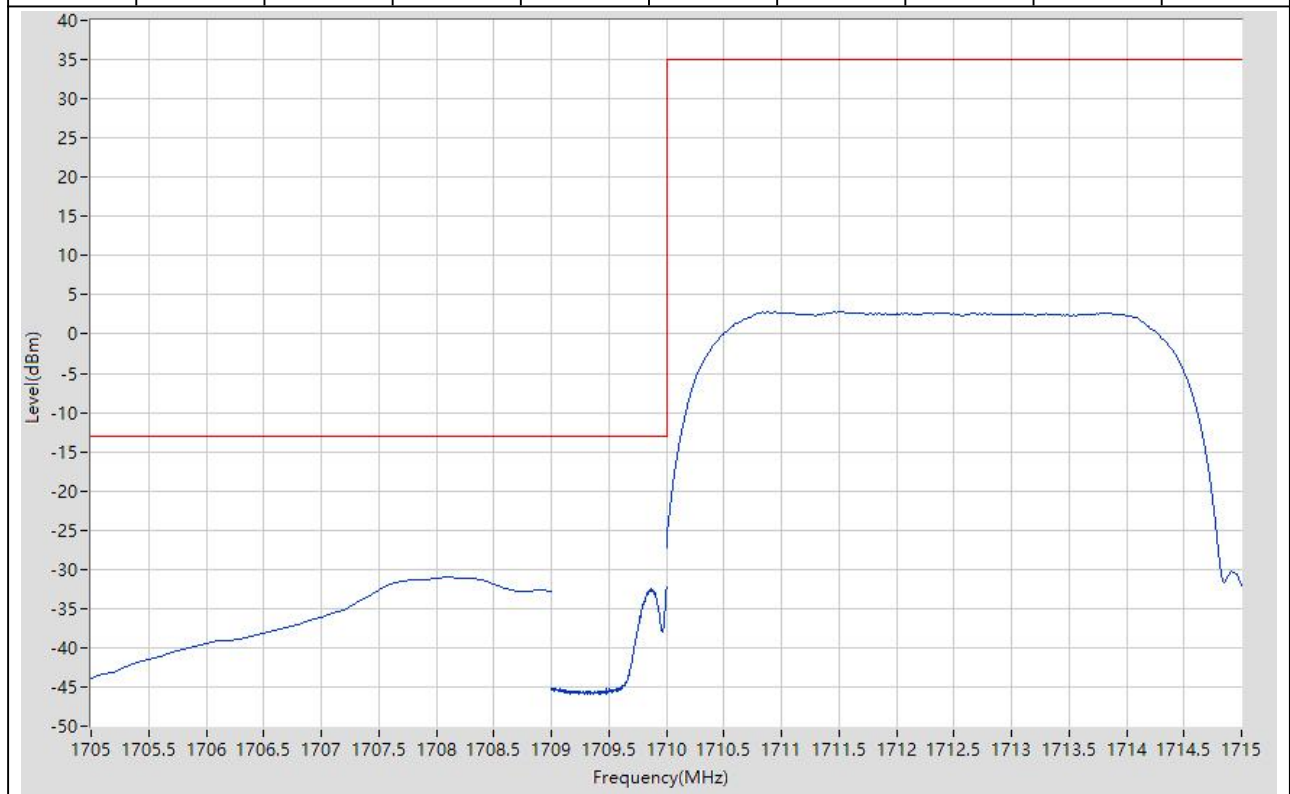
2. WCDMA_Band4

2.1 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:1312)

Start Freque ncy (MHz)	Stop Freque ncy (MHz)	RBW (MHz)	Detecto r	Freque ncy (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point

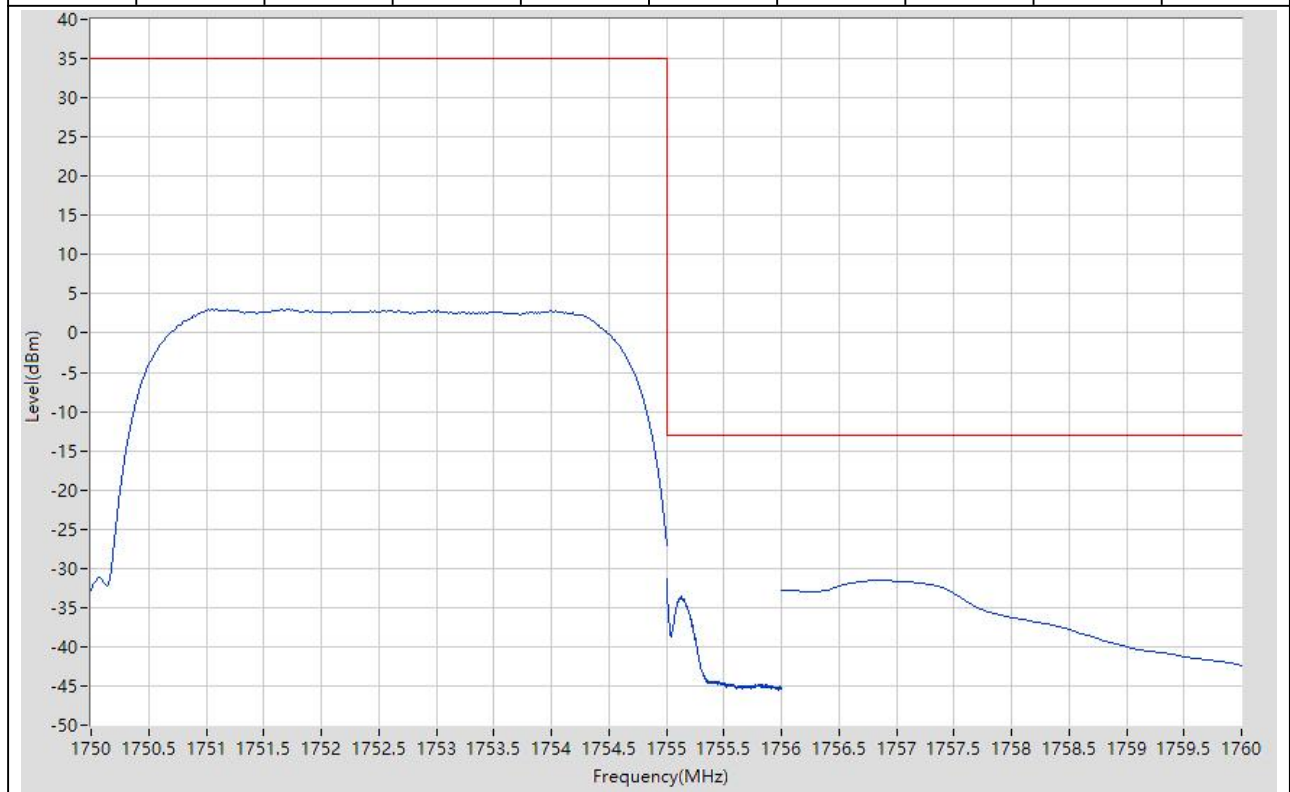
2.2 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:1312)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1705	1709	1	RMS	1708.1	-31.05	-13	18.05	Pass	41
1709	1710	0.051	RMS	1710	-32.33	-13	19.33	Pass	401
1710	1715	0.1	RMS	1711.538	2.9	35	32.1	Pass	401



2.3 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:1513)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1750	1755	0.1	RMS	1751.05	3.09	35	31.91	Pass	401
1755	1756	0.051	RMS	1755	-31.32	-13	18.32	Pass	401
1756	1760	1	RMS	1756.9	-31.51	-13	18.51	Pass	41



3. WCDMA_Band5

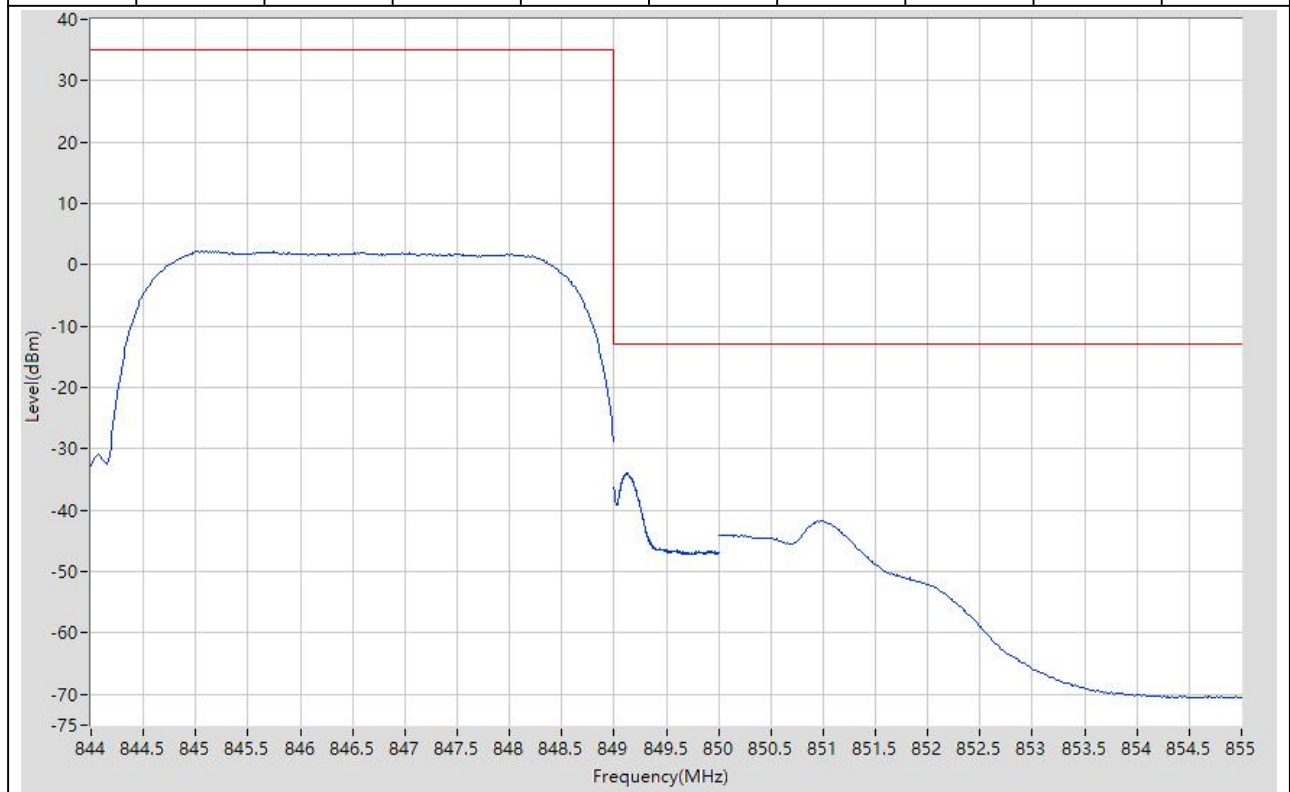
3.1 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:4132)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
820	823	0.1	RMS	821.995	-40.06	-13	27.06	Pass	401
823	824	0.051	RMS	823.888	-33.7	-13	20.7	Pass	401
824	829	0.1	RMS	824.9	2.04	35	32.96	Pass	401



3.2 WCDMA Band Edge_Part22-24-27(NTNV)(Channel:4233)

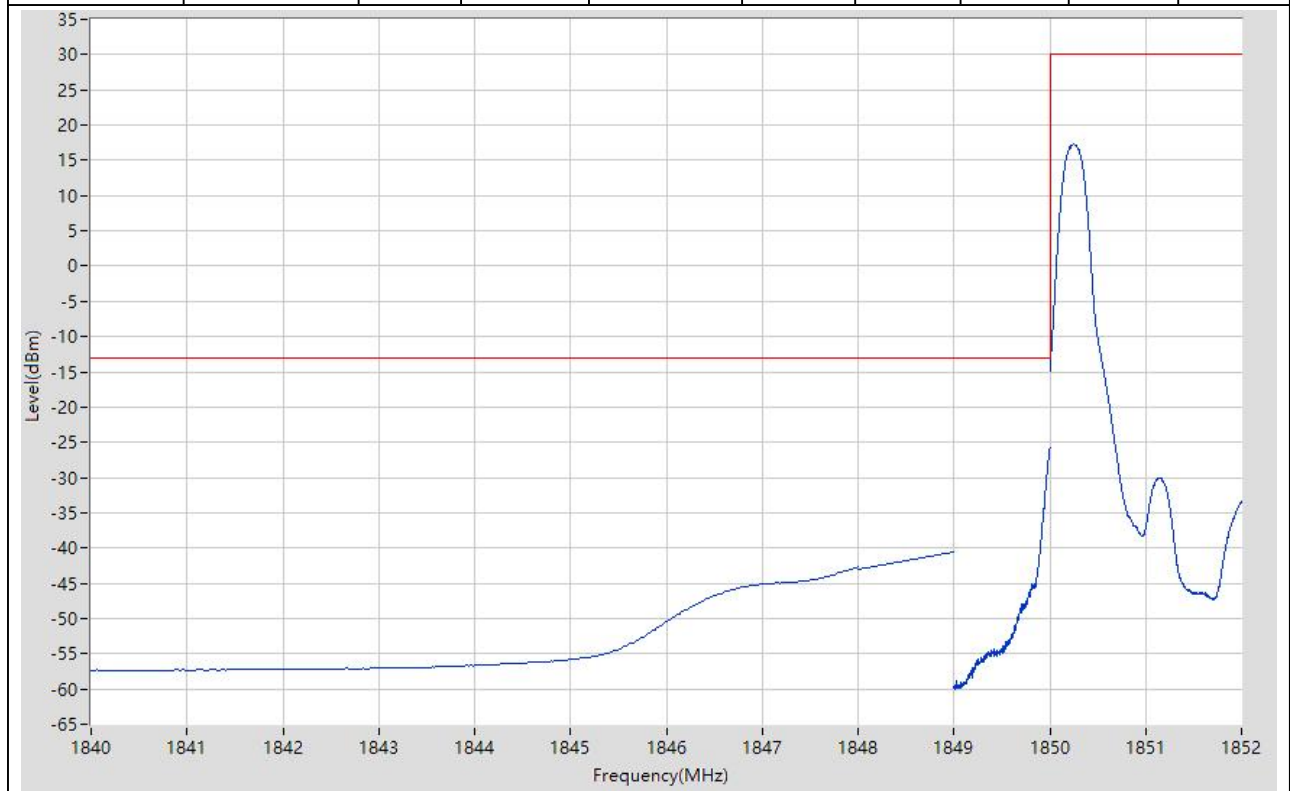
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
844	849	0.1	RMS	845.05	2.2	35	32.8	Pass	401
849	850	0.051	RMS	849.123	-34	-13	21	Pass	401
850	855	0.1	RMS	850.975	-41.69	-13	28.69	Pass	401



1. LTE_Band2

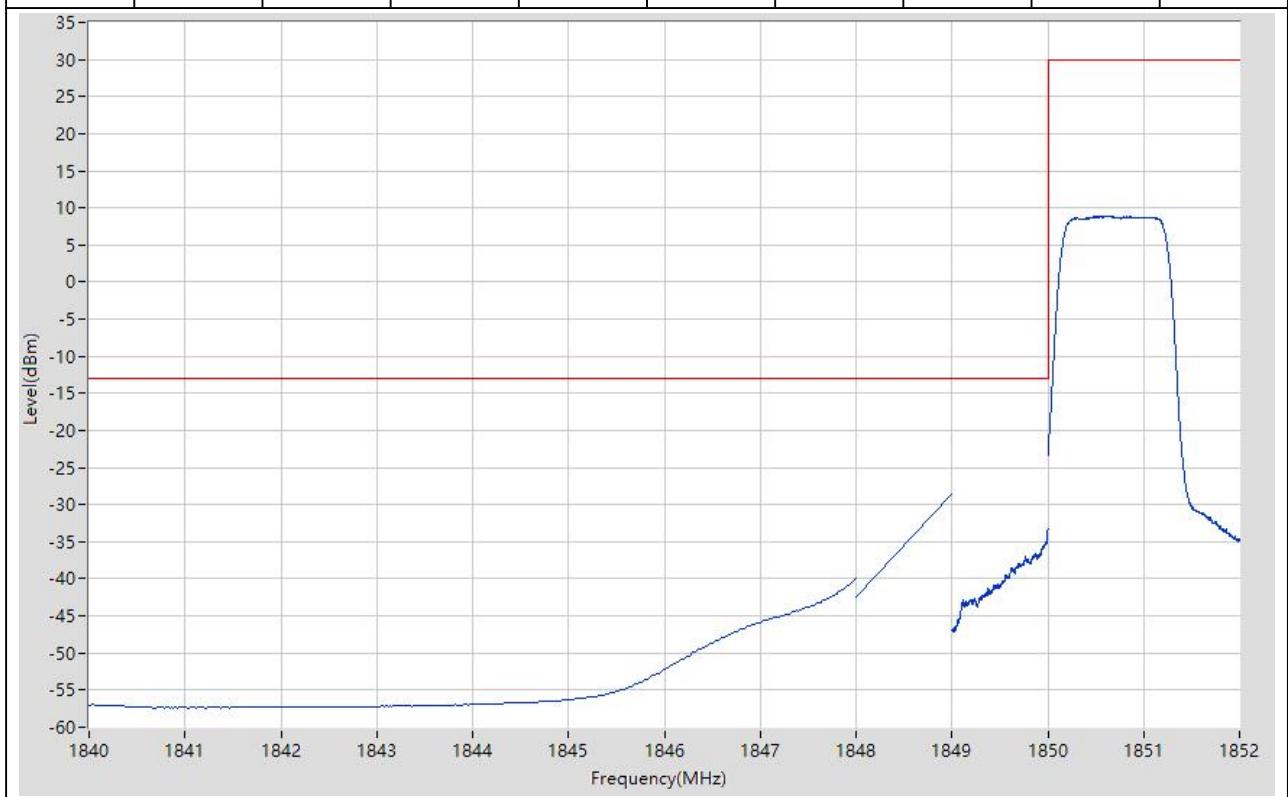
1.1 LTE Band Edge_Part22-24-27(NTNV)(Subtest:1, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-42.56	-13	29.56	Pass	401
1848	1849	1	RMS	1849	-40.55	-13	27.55	Pass	2
1849	1850	0.02	RMS	1850	-25.79	-13	12.79	Pass	401
1850	1852	0.1	RMS	1850.25	17.29	30	12.71	Pass	401



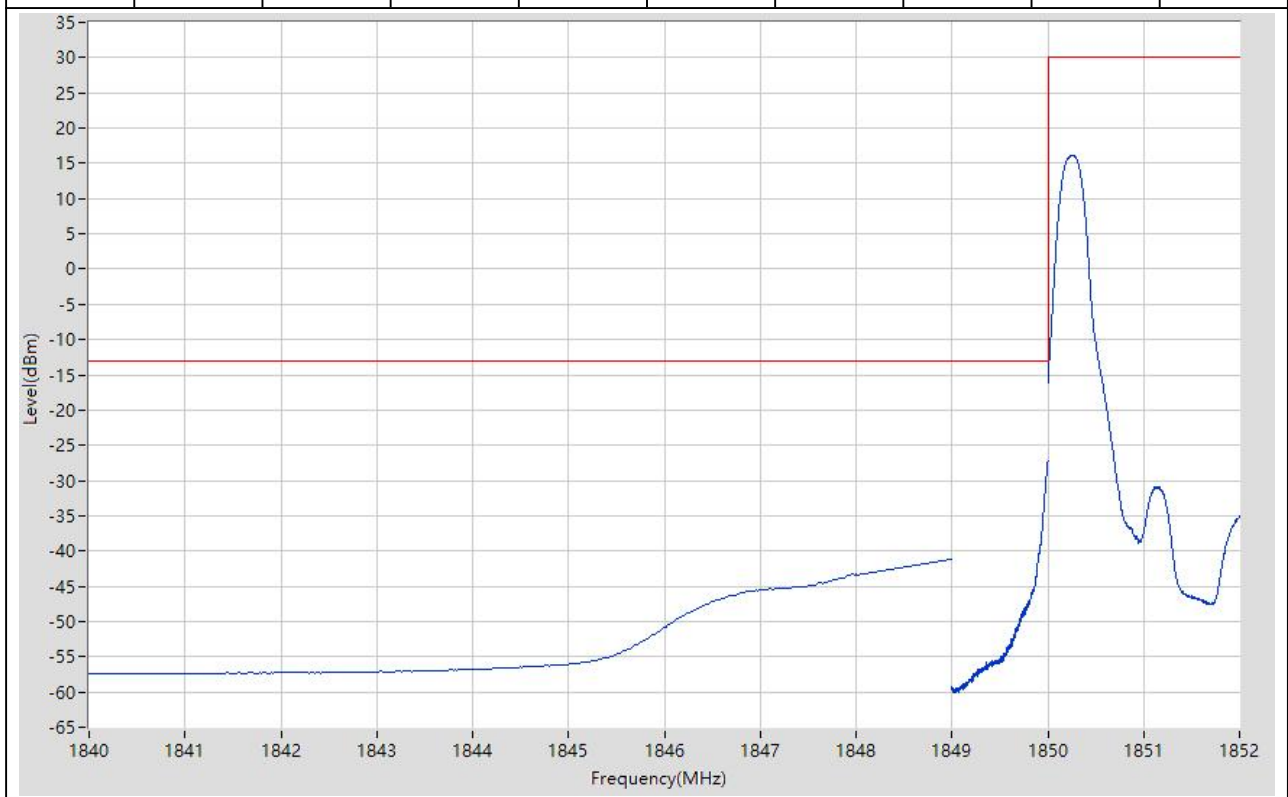
1.2 LTE Band Edge_Part22-24-27(NTNV)(Subtest:2, Channel:18607, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-39.91	-13	26.91	Pass	401
1848	1849	1	RMS	1849	-28.5	-13	15.5	Pass	2
1849	1850	0.02	RMS	1850	-33.18	-13	20.18	Pass	401
1850	1852	0.1	RMS	1850.65	8.87	30	21.13	Pass	401



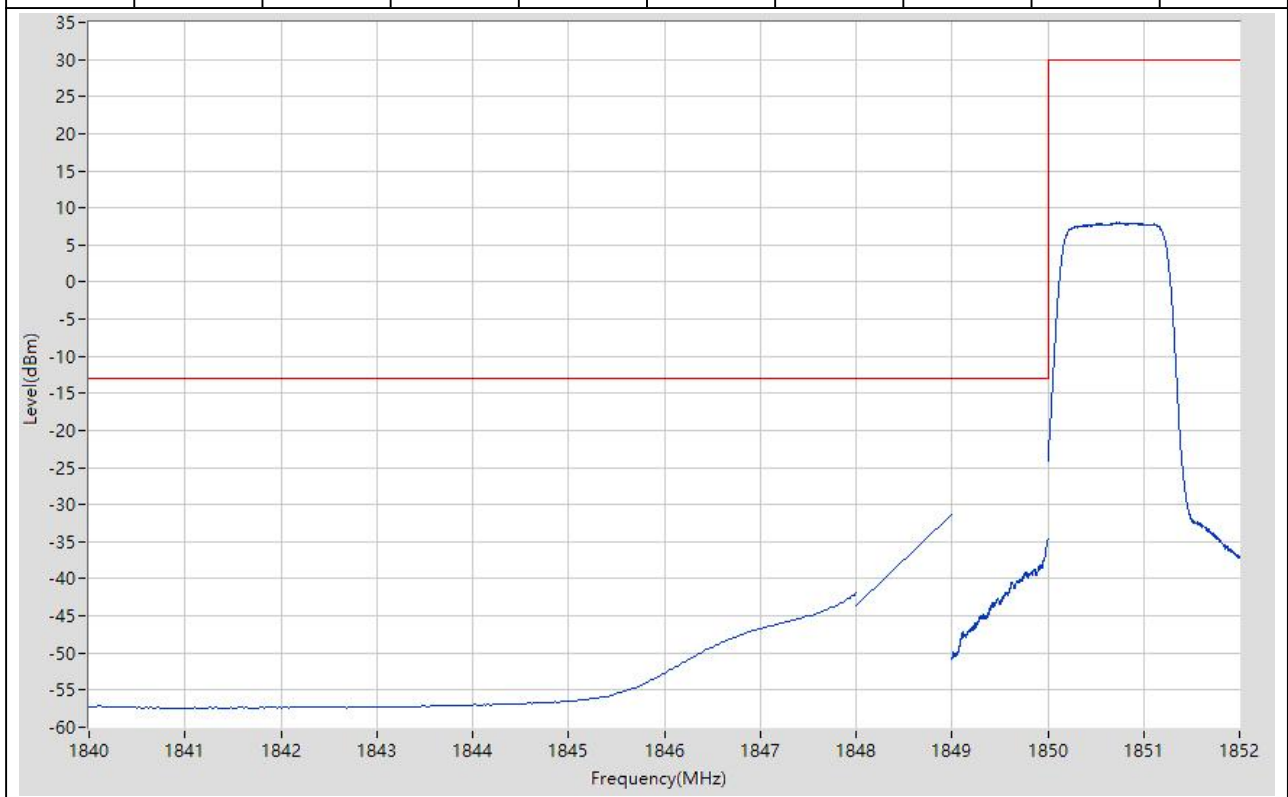
1.3 LTE Band Edge_Part22-24-27(NTNV)(Subtest:3, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-43.18	-13	30.18	Pass	401
1848	1849	1	RMS	1849	-41.19	-13	28.19	Pass	2
1849	1850	0.02	RMS	1850	-27.3	-13	14.3	Pass	401
1850	1852	0.1	RMS	1850.26	16.13	30	13.87	Pass	401



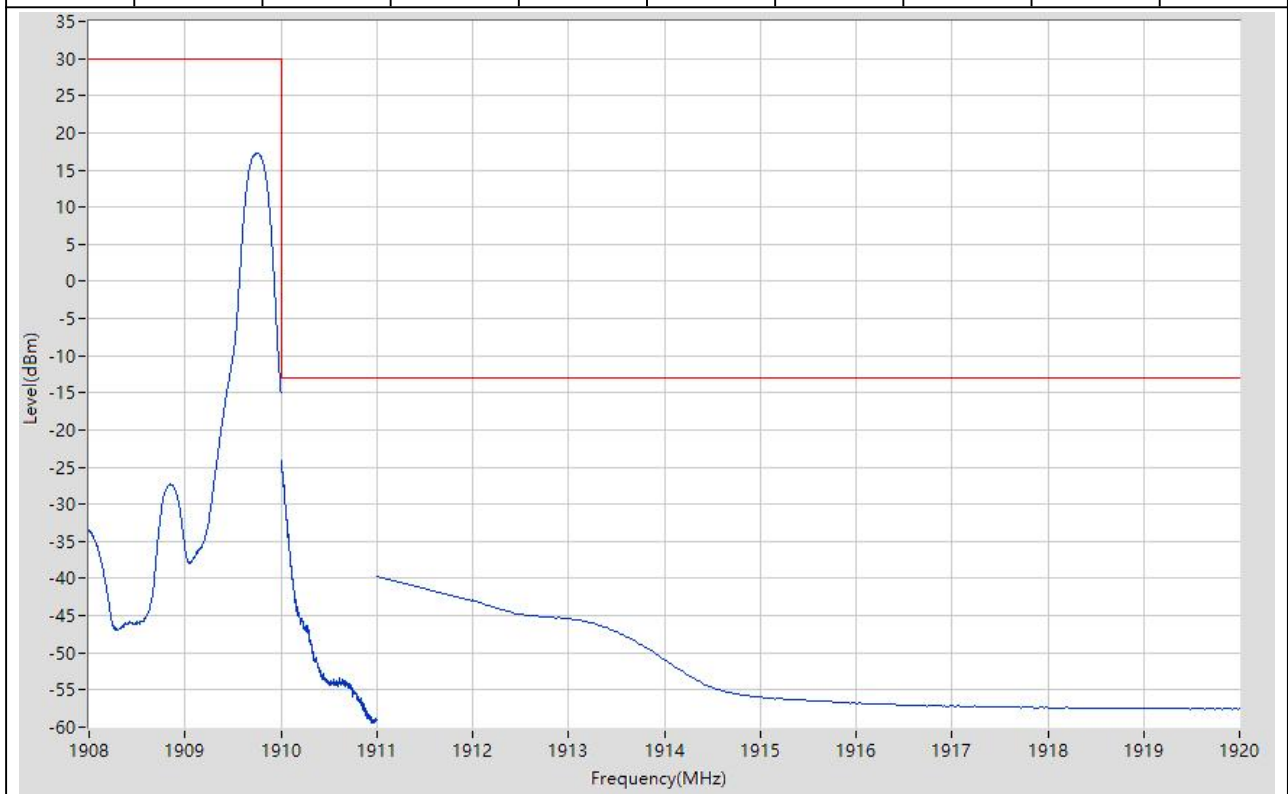
1.4 LTE Band Edge_Part22-24-27(NTNV)(Subtest:4, Channel:18607, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-41.88	-13	28.88	Pass	401
1848	1849	1	RMS	1849	-31.34	-13	18.34	Pass	2
1849	1850	0.02	RMS	1850	-34.57	-13	21.57	Pass	401
1850	1852	0.1	RMS	1850.72	8.02	30	21.98	Pass	401



1.5 LTE Band Edge_Part22-24-27(NTNV)(Subtest:5, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1908	1910	0.1	RMS	1909.755	17.28	30	12.72	Pass	401
1910	1911	0.02	RMS	1910.003	-24.16	-13	11.16	Pass	401
1911	1912	1	RMS	1911	-39.76	-13	26.76	Pass	2
1912	1920	1	RMS	1912	-42.93	-13	29.93	Pass	401



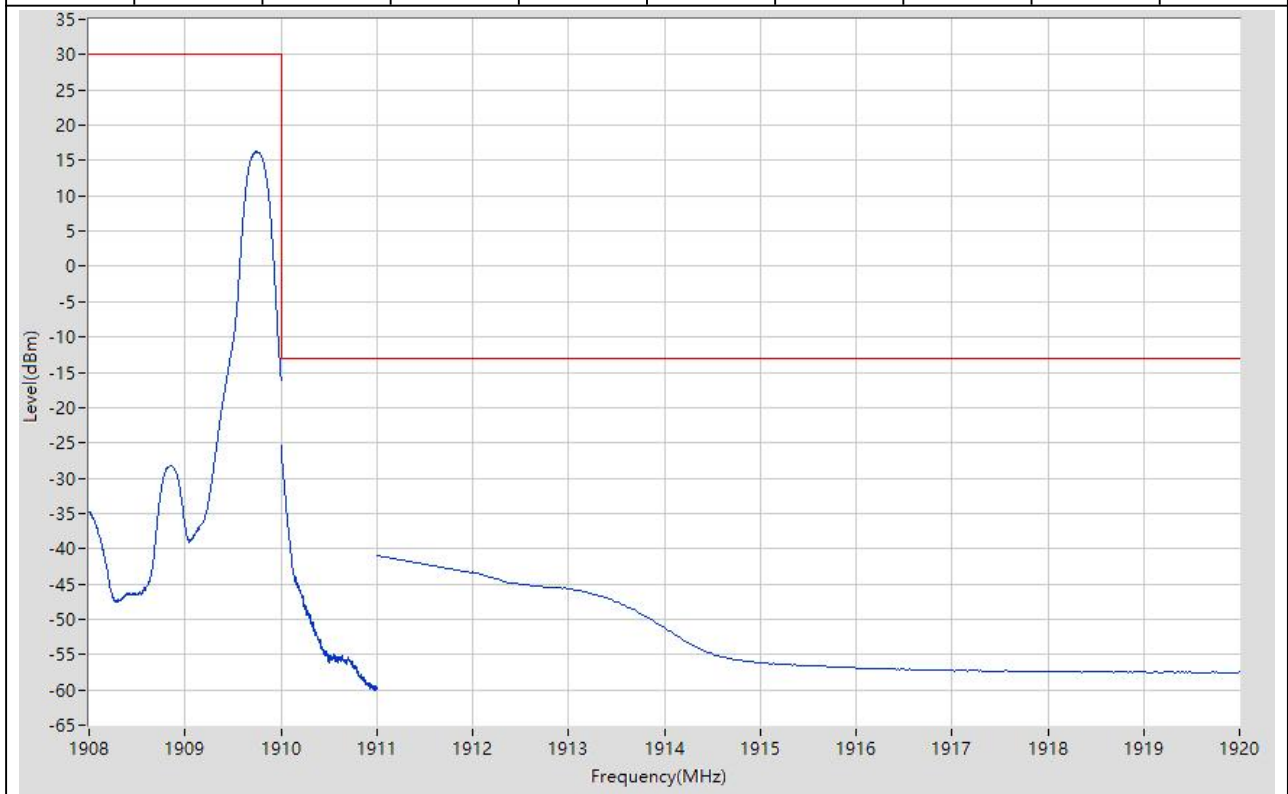
1.6 LTE Band Edge_Part22-24-27(NTNV)(Subtest:6, Channel:19193, Bandwidth:1.4, Modulation:QPSK, RB Number: 6, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1908	1910	0.1	RMS	1909.425	8.94	30	21.06	Pass	401
1910	1911	0.02	RMS	1910	-31.72	-13	18.72	Pass	401
1911	1912	1	RMS	1911	-28.59	-13	15.59	Pass	2
1912	1920	1	RMS	1912	-38.92	-13	25.92	Pass	401



1.7 LTE Band Edge_Part22-24-27(NTNV)(Subtest:7, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1908	1910	0.1	RMS	1909.745	16.23	30	13.77	Pass	401
1910	1911	0.02	RMS	1910	-25.36	-13	12.36	Pass	401
1911	1912	1	RMS	1911	-40.88	-13	27.88	Pass	2
1912	1920	1	RMS	1912	-43.2	-13	30.2	Pass	401



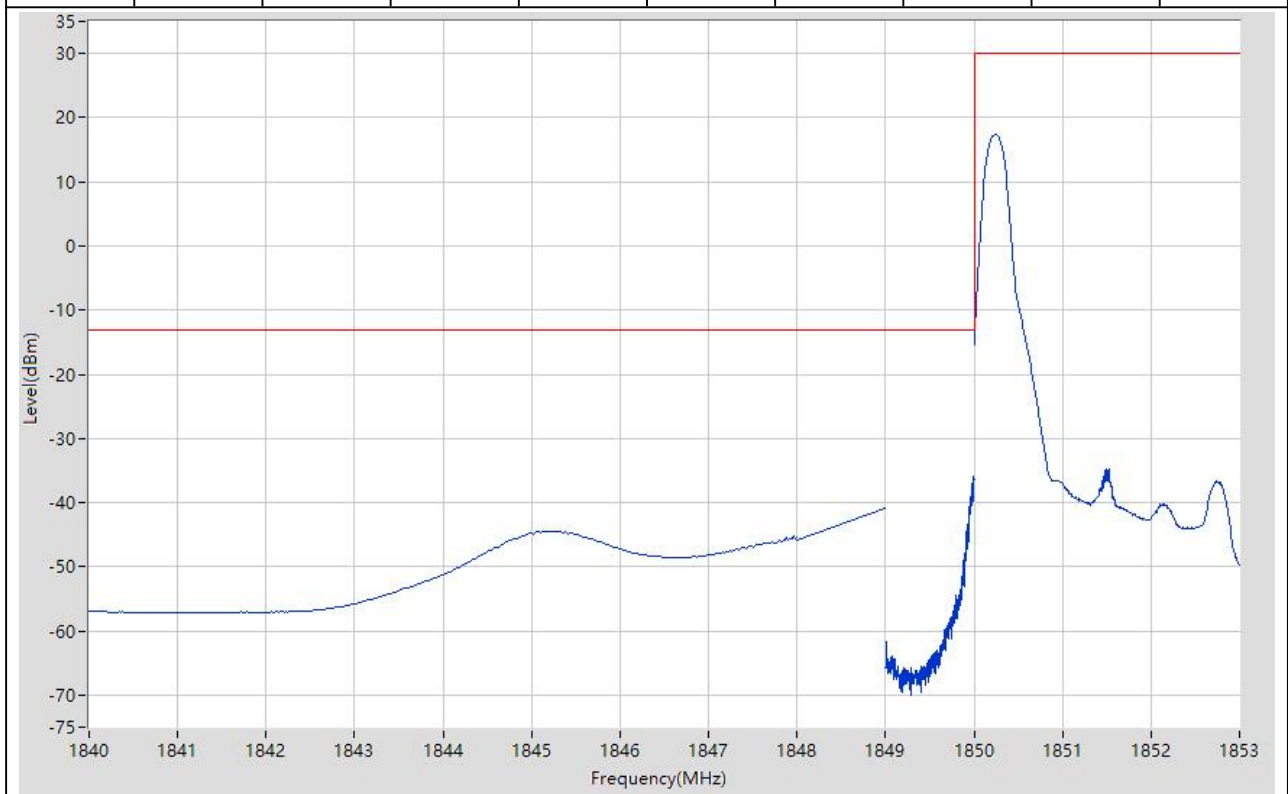
1.8 LTE Band Edge_Part22-24-27(NTNV)(Subtest:8, Channel:19193, Bandwidth:1.4, Modulation:Q16, RB Number: 6, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1908	1910	0.1	RMS	1909.325	8.11	30	21.89	Pass	401
1910	1911	0.02	RMS	1910	-33.23	-13	20.23	Pass	401
1911	1912	1	RMS	1911	-30.46	-13	17.46	Pass	2
1912	1920	1	RMS	1912	-40.6	-13	27.6	Pass	401



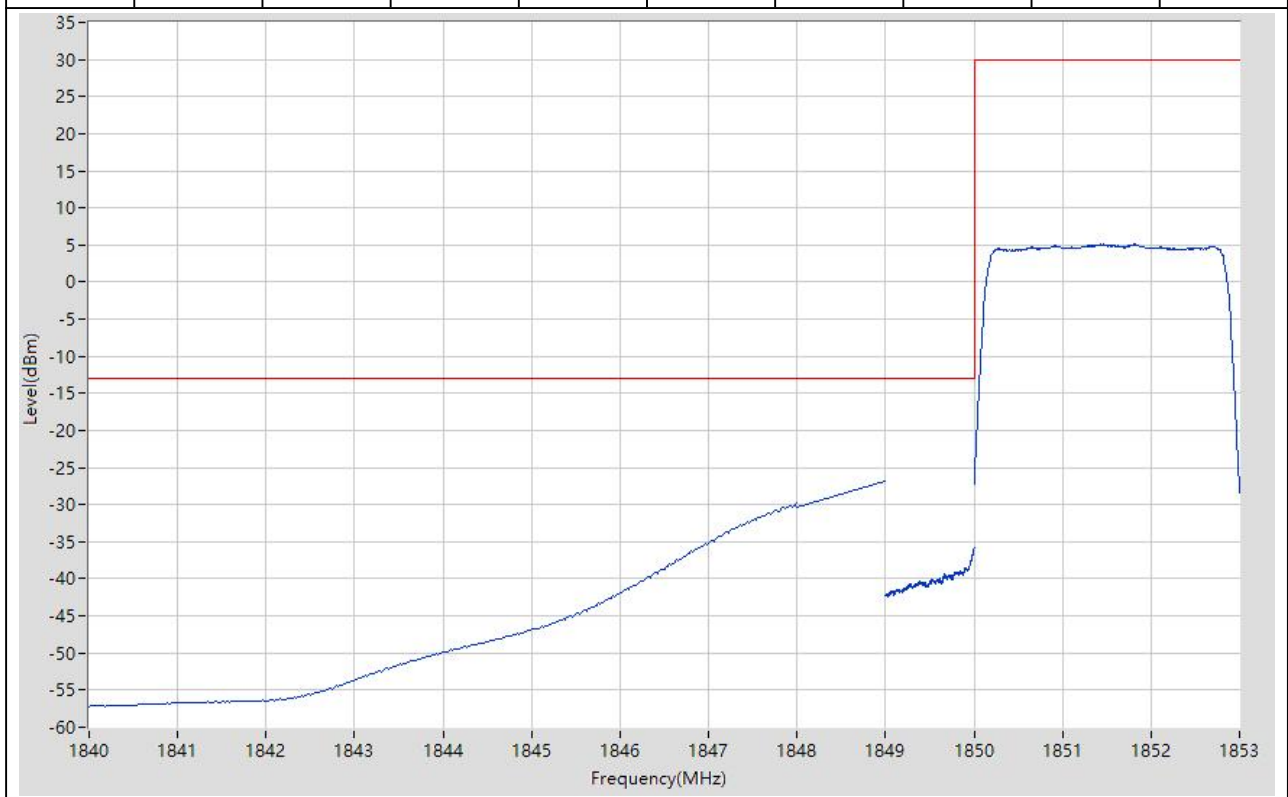
1.9 LTE Band Edge_Part22-24-27(NTNV)(Subtest:9, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1845.22	-44.43	-13	31.43	Pass	401
1848	1849	1	RMS	1849	-40.8	-13	27.8	Pass	2
1849	1850	0.002	RMS	1849.998	-35.84	-13	22.84	Pass	501
1850	1853	0.1	RMS	1850.248	17.33	30	12.67	Pass	401



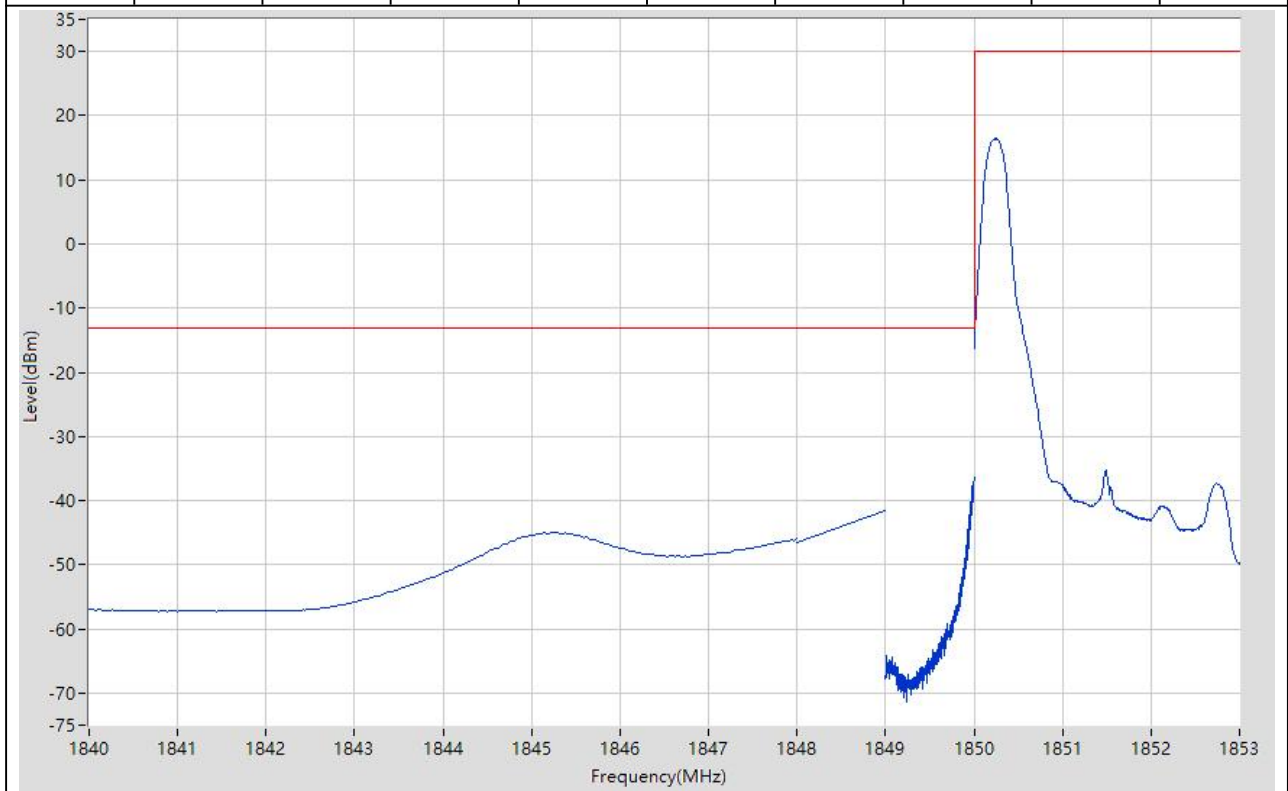
1.10 LTE Band Edge_Part22-24-27(NTNV)(Subtest:10, Channel:18615, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-29.79	-13	16.79	Pass	401
1848	1849	1	RMS	1849	-26.89	-13	13.89	Pass	2
1849	1850	0.03	RMS	1850	-35.9	-13	22.9	Pass	401
1850	1853	0.1	RMS	1851.8	5.11	30	24.89	Pass	401



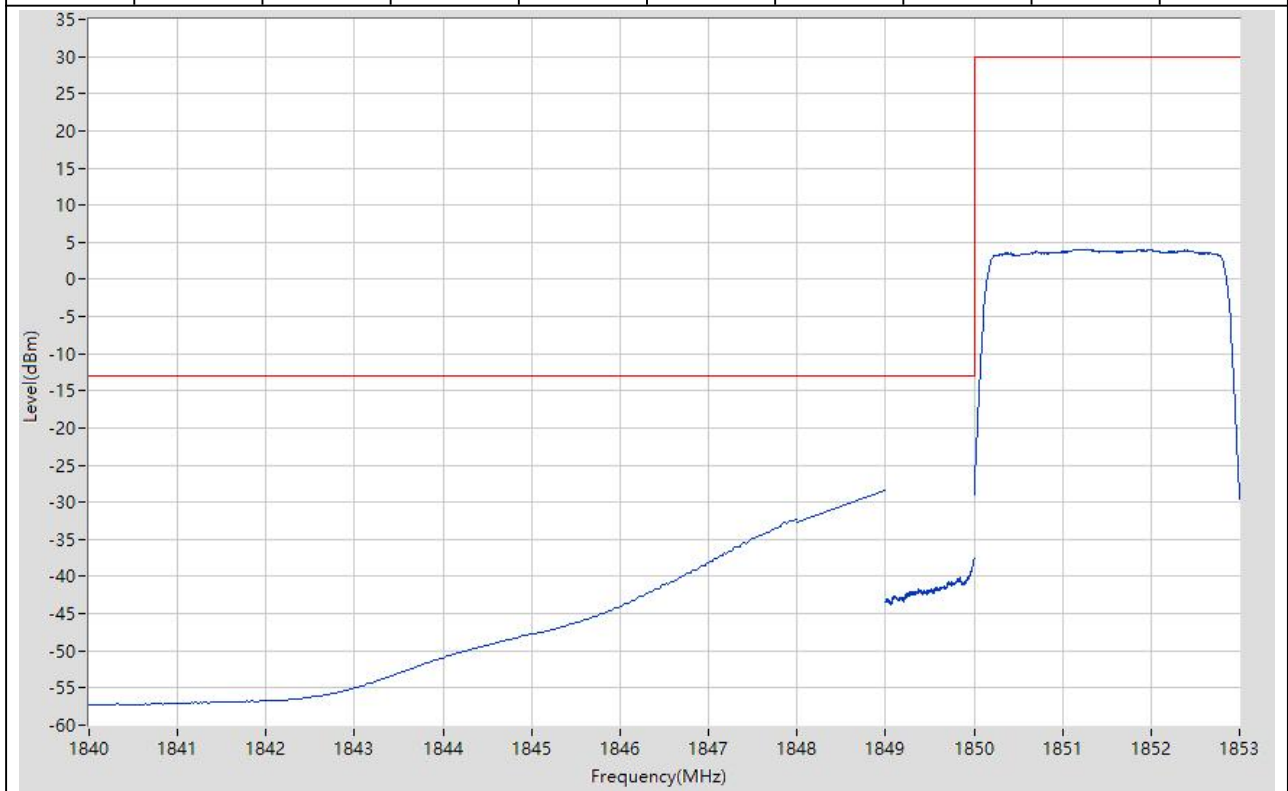
1.11 LTE Band Edge_Part22-24-27(NTNV)(Subtest:11, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1845.24	-44.98	-13	31.98	Pass	401
1848	1849	1	RMS	1849	-41.54	-13	28.54	Pass	2
1849	1850	0.002	RMS	1850	-36.43	-13	23.43	Pass	501
1850	1853	0.1	RMS	1850.255	16.39	30	13.61	Pass	401



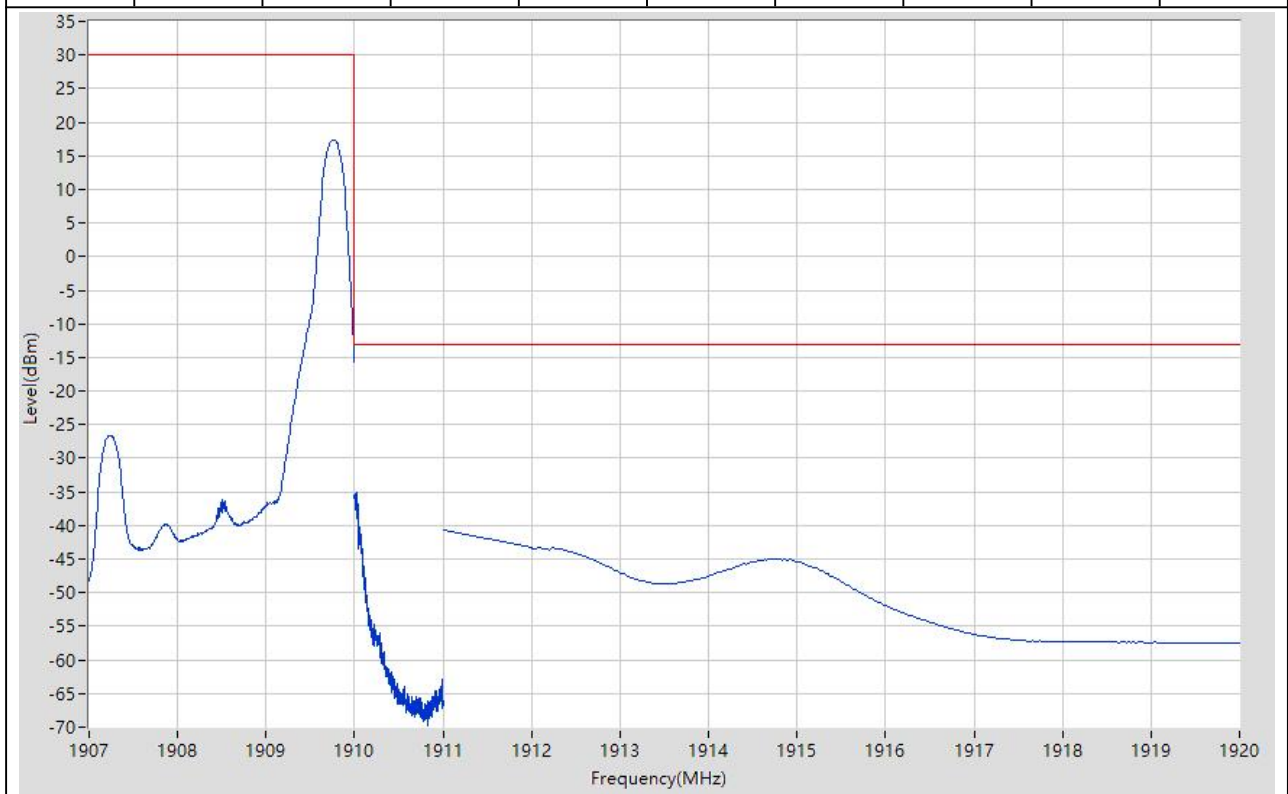
1.12 LTE Band Edge_Part22-24-27(NTNV)(Subtest:12, Channel:18615, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-32.22	-13	19.22	Pass	401
1848	1849	1	RMS	1849	-28.3	-13	15.3	Pass	2
1849	1850	0.03	RMS	1850	-37.62	-13	24.62	Pass	401
1850	1853	0.1	RMS	1851.215	4.05	30	25.95	Pass	401



1.13 LTE Band Edge_Part22-24-27(NTNV)(Subtest:13, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1907	1910	0.1	RMS	1909.753	17.37	30	12.63	Pass	401
1910	1911	0.002	RMS	1910.022	-35.09	-13	22.09	Pass	501
1911	1912	1	RMS	1911	-40.69	-13	27.69	Pass	2
1912	1920	1	RMS	1912.08	-43.26	-13	30.26	Pass	401



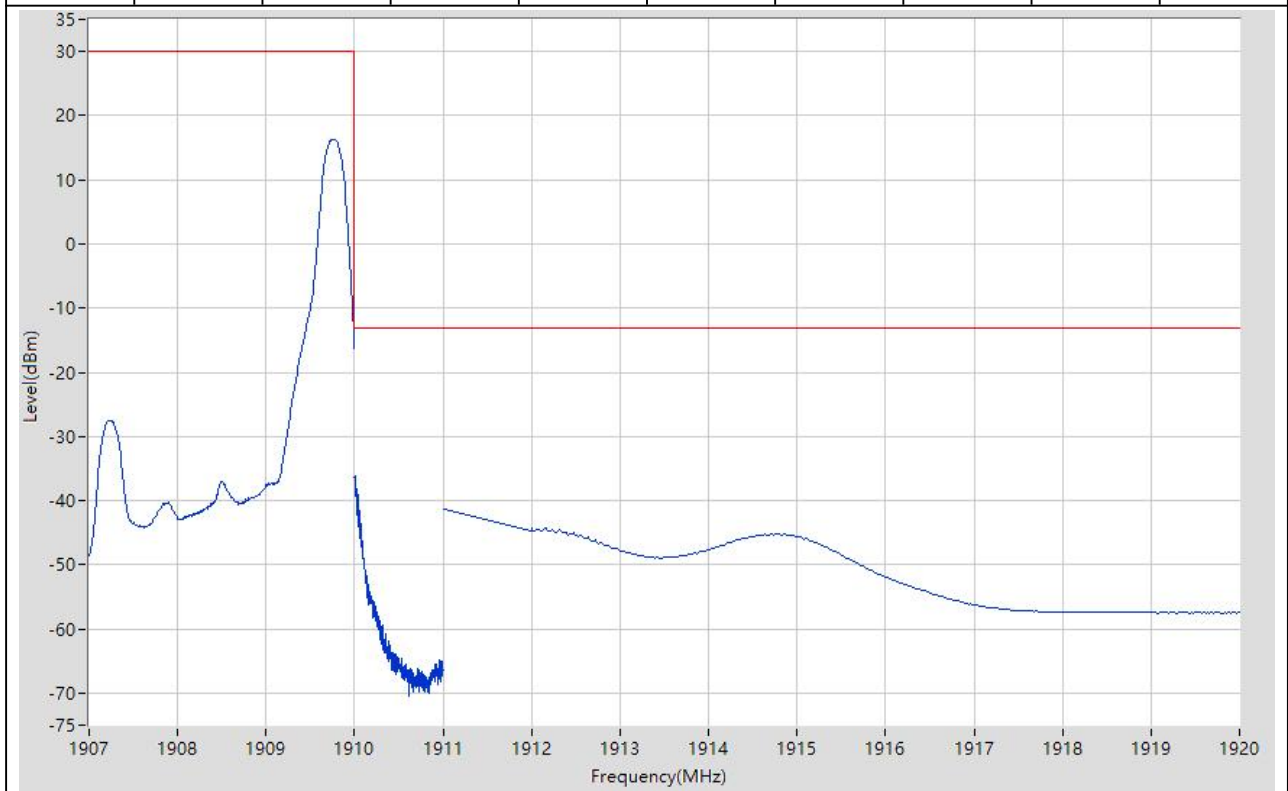
1.14 LTE Band Edge_Part22-24-27(NTNV)(Subtest:14, Channel:19185, Bandwidth:3, Modulation:QPSK, RB Number: 15, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1907	1910	0.1	RMS	1908.088	5.27	30	24.73	Pass	401
1910	1911	0.03	RMS	1910	-35.92	-13	22.92	Pass	401
1911.5	1912	1	RMS	1911.5	-29.46	-13	16.46	Pass	2
1912	1920	1	RMS	1912	-30.88	-13	17.88	Pass	401



1.15 LTE Band Edge_Part22-24-27(NTNV)(Subtest:15, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1907	1910	0.1	RMS	1909.76	16.34	30	13.66	Pass	401
1910	1911	0.002	RMS	1910.002	-36.16	-13	23.16	Pass	501
1911	1912	1	RMS	1911	-41.44	-13	28.44	Pass	2
1912	1920	1	RMS	1912	-44.27	-13	31.27	Pass	401



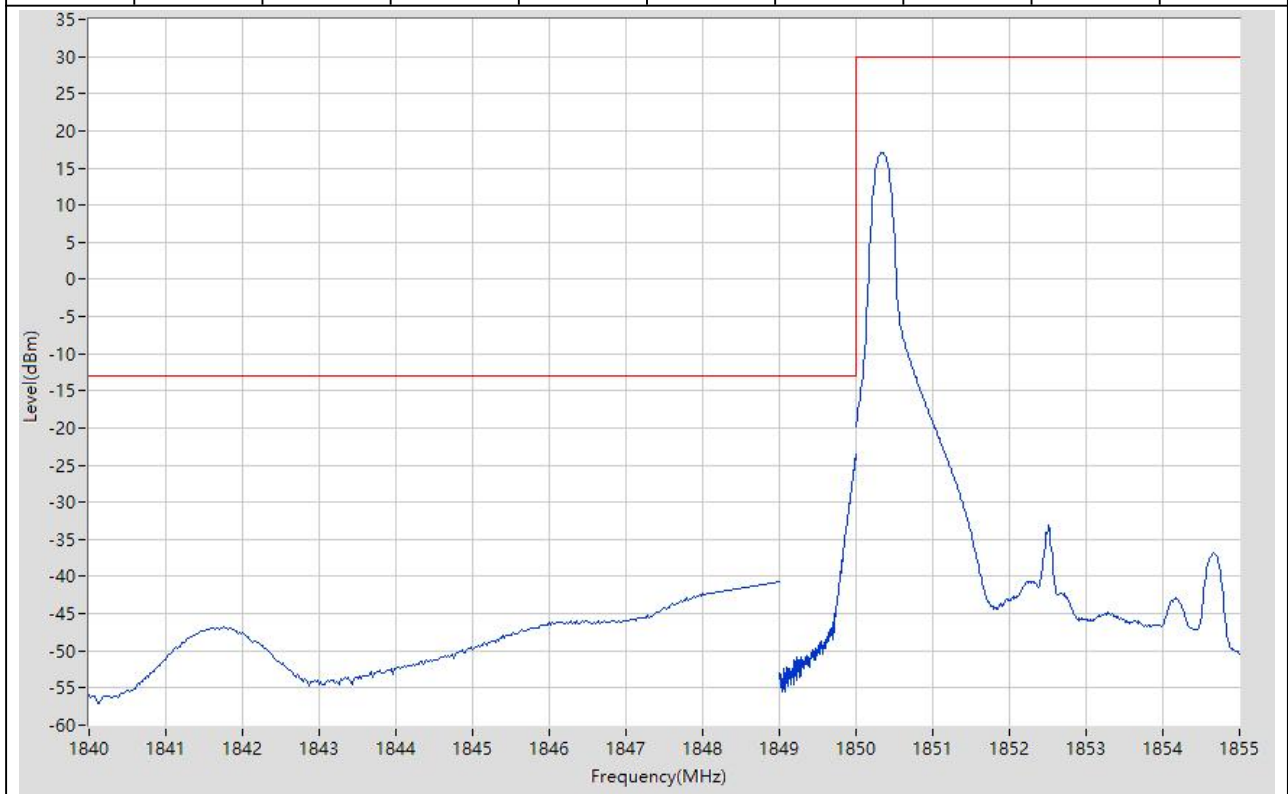
1.16 LTE Band Edge_Part22-24-27(NTNV)(Subtest:16, Channel:19185, Bandwidth:3, Modulation:Q16, RB Number: 15, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1907	1910	0.1	RMS	1907.945	4.02	30	25.98	Pass	401
1910	1911	0.03	RMS	1910	-36.55	-13	23.55	Pass	401
1911	1912	1	RMS	1911	-28.41	-13	15.41	Pass	2
1912	1920	1	RMS	1912	-32.58	-13	19.58	Pass	401



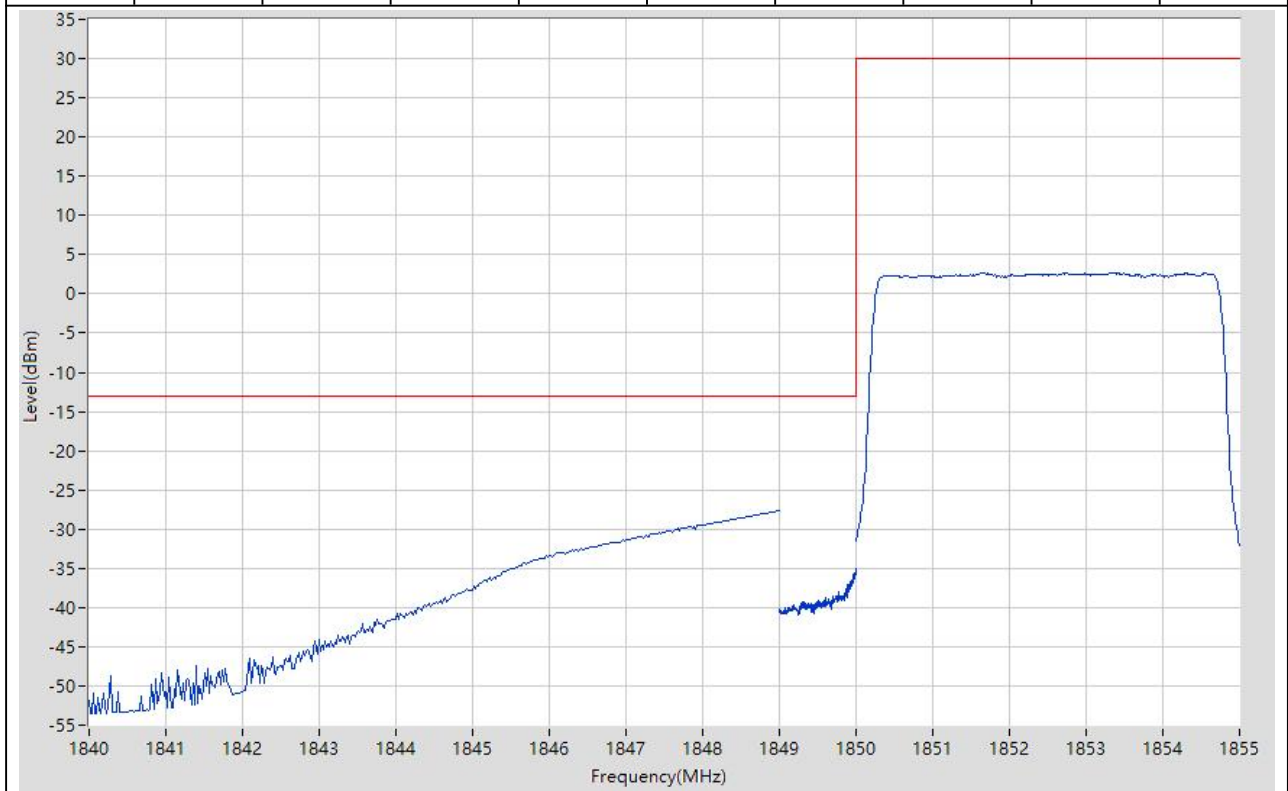
1.17 LTE Band Edge_Part22-24-27(NTNV)(Subtest:17, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-42.21	-13	29.21	Pass	401
1848	1849	1	RMS	1849	-40.6	-13	27.6	Pass	2
1849	1850	0.051	RMS	1850	-23.44	-13	10.44	Pass	401
1850	1855	0.1	RMS	1850.338	17.02	30	12.98	Pass	401



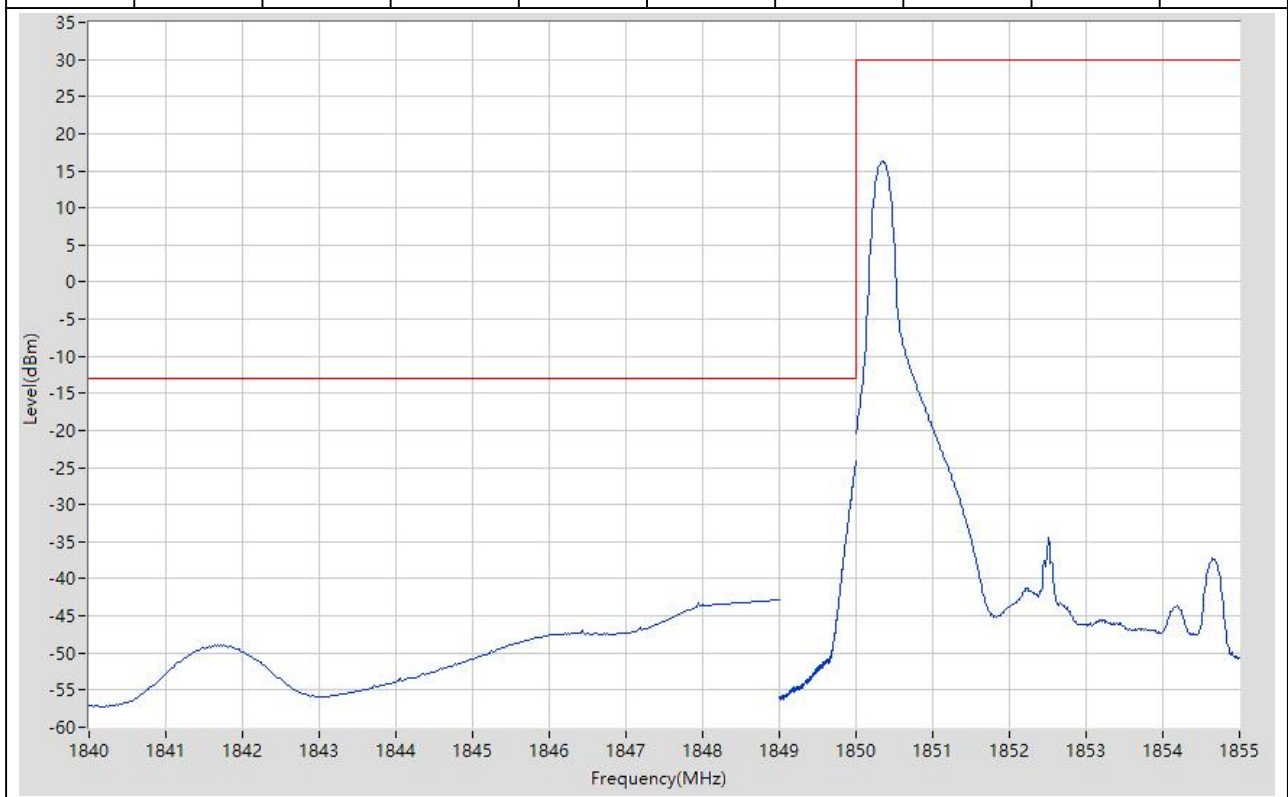
1.18 LTE Band Edge_Part22-24-27(NTNV)(Subtest:18, Channel:18625, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1847.94	-29.41	-13	16.41	Pass	401
1848	1849	1	RMS	1849	-27.73	-13	14.73	Pass	2
1849	1850	0.051	RMS	1850	-35.1	-13	22.1	Pass	401
1850	1855	0.1	RMS	1851.688	2.74	30	27.26	Pass	401



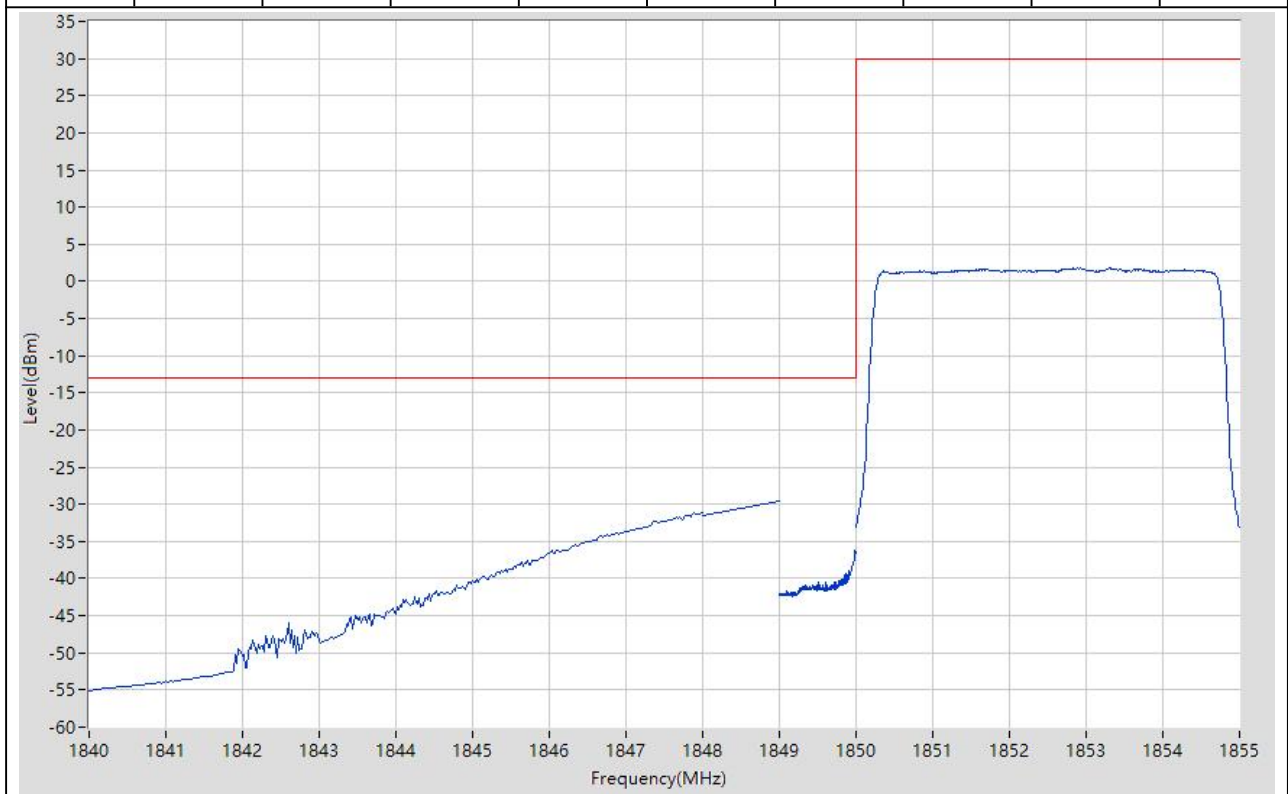
1.19 LTE Band Edge_Part22-24-27(NTNV)(Subtest:19, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1847.94	-43.29	-13	30.29	Pass	401
1848	1849	1	RMS	1849	-42.79	-13	29.79	Pass	2
1849	1850	0.051	RMS	1850	-24.05	-13	11.05	Pass	401
1850	1855	0.1	RMS	1850.35	16.28	30	13.72	Pass	401



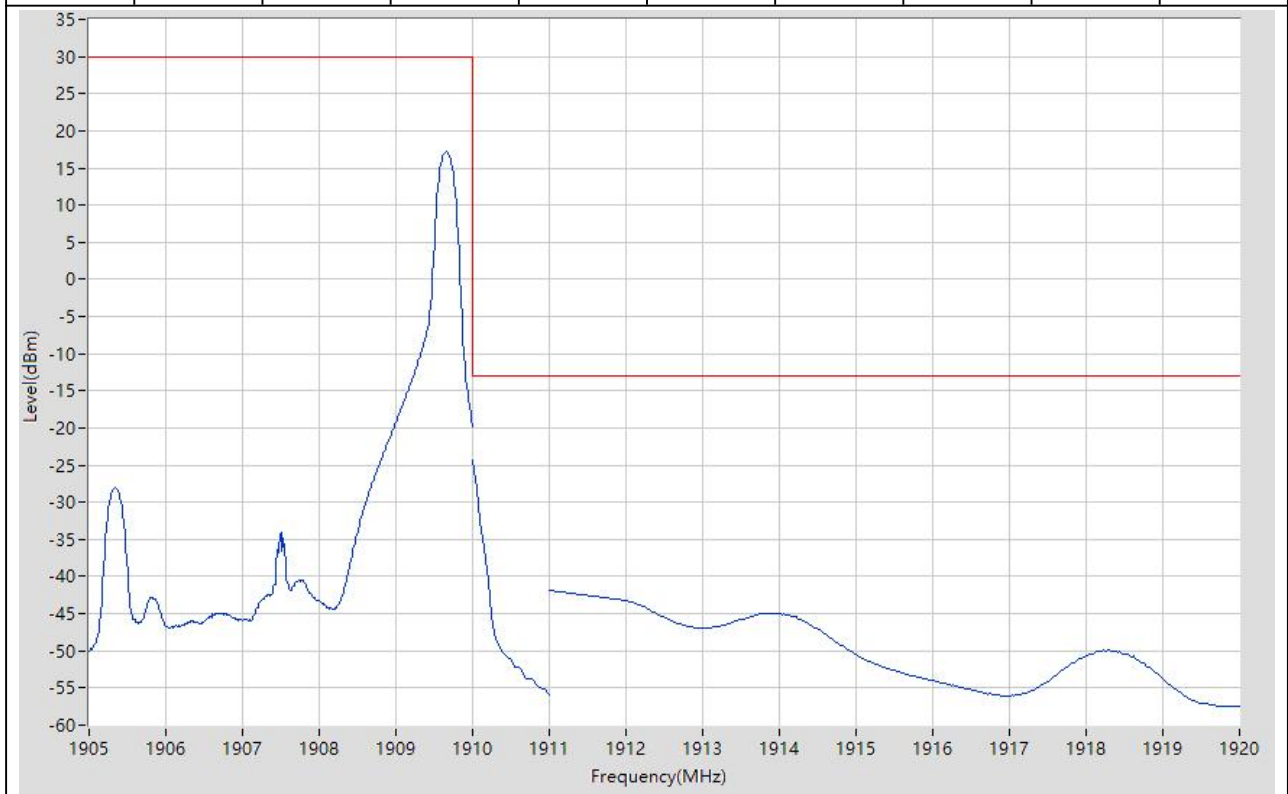
1.20 LTE Band Edge_Part22-24-27(NTNV)(Subtest:20, Channel:18625, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:LOW)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1840	1848	1	RMS	1848	-31.09	-13	18.09	Pass	401
1848	1849	1	RMS	1849	-29.56	-13	16.56	Pass	2
1849	1850	0.051	RMS	1849.988	-36.2	-13	23.2	Pass	401
1850	1855	0.1	RMS	1853.325	1.77	30	28.23	Pass	401



1.21 LTE Band Edge_Part22-24-27(NTNV)(Subtest:21, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1905	1910	0.1	RMS	1909.663	17.19	30	12.81	Pass	401
1910	1911	0.05	RMS	1910	-24.39	-13	11.39	Pass	21
1911	1912	1	RMS	1911	-41.83	-13	28.83	Pass	2
1912	1920	1	RMS	1912.02	-43.16	-13	30.16	Pass	401



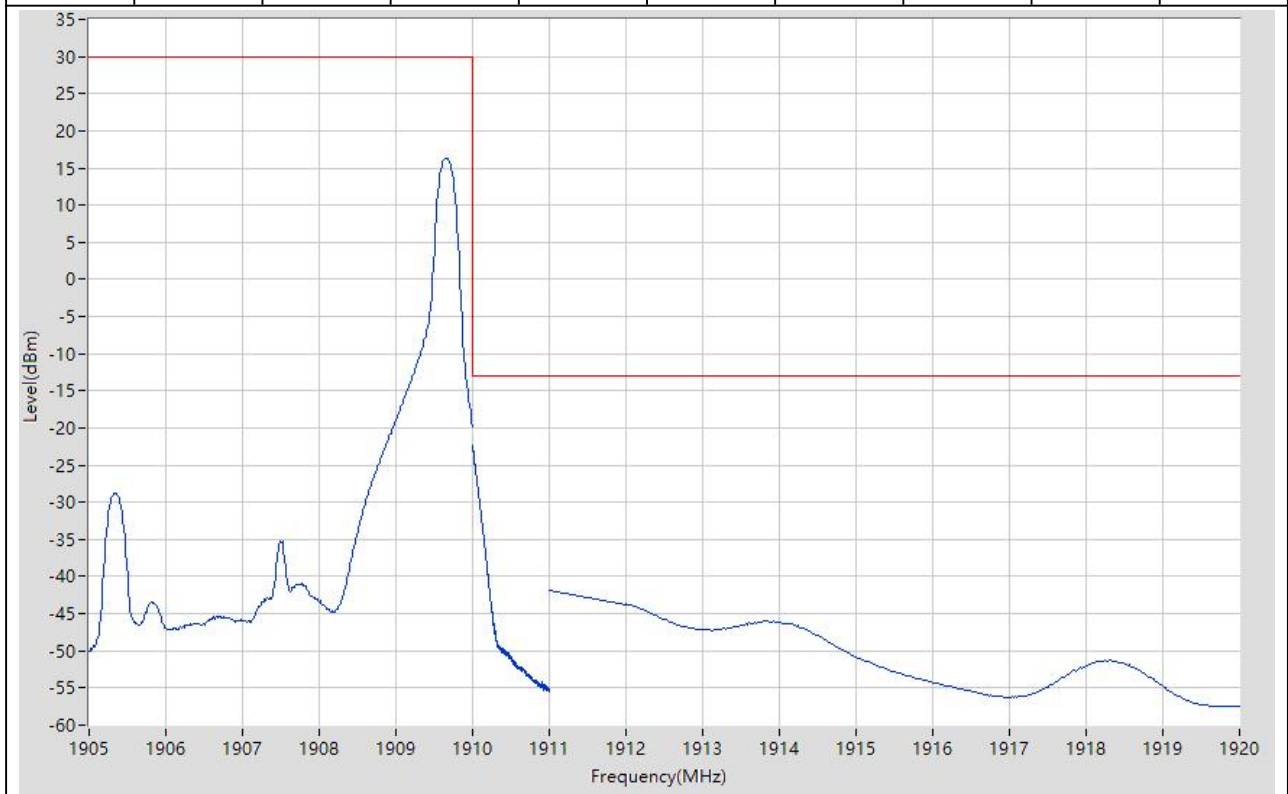
1.22 LTE Band Edge_Part22-24-27(NTNV)(Subtest:22, Channel:19175, Bandwidth:5, Modulation:QPSK, RB Number: 25, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1905	1910	0.1	RMS	1906.863	2.89	30	27.11	Pass	401
1910	1911	0.051	RMS	1910	-34.97	-13	21.97	Pass	401
1911.5	1912	1	RMS	1911.5	-29.69	-13	16.69	Pass	2
1912	1920	1	RMS	1912	-30.42	-13	17.42	Pass	401



1.23 LTE Band Edge_Part22-24-27(NTNV)(Subtest:23, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 1, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1905	1910	0.1	RMS	1909.663	16.28	30	13.72	Pass	401
1910	1911	0.051	RMS	1910	-22.42	-13	9.42	Pass	401
1911	1912	1	RMS	1911	-41.87	-13	28.87	Pass	2
1912	1920	1	RMS	1912	-43.61	-13	30.61	Pass	401



1.24 LTE Band Edge_Part22-24-27(NTNV)(Subtest:24, Channel:19175, Bandwidth:5, Modulation:Q16, RB Number: 25, RB Position:HIGH)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
1905	1910	0.1	RMS	1907.275	1.84	30	28.16	Pass	401
1910	1911	0.051	RMS	1910	-36.06	-13	23.06	Pass	401
1911	1912	1	RMS	1911	-29.75	-13	16.75	Pass	2
1912	1920	1	RMS	1912	-31.45	-13	18.45	Pass	401



