

Spurious Emission at Antenna Terminals

GSM and WCDMA Mode Test Verdict

Test Band	Test Channel	Verdict
GSM 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GSM 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
GPRS 850	LCH	Pass
	MCH	Pass
	HCH	Pass
GPRS 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 850	LCH	Pass
	MCH	Pass
	HCH	Pass
EGPRS 1900	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 2	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 4	LCH	Pass
	MCH	Pass
	HCH	Pass
WCDMA Band 5	LCH	Pass
	MCH	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
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 4	1.4 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

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

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

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

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 13	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

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

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

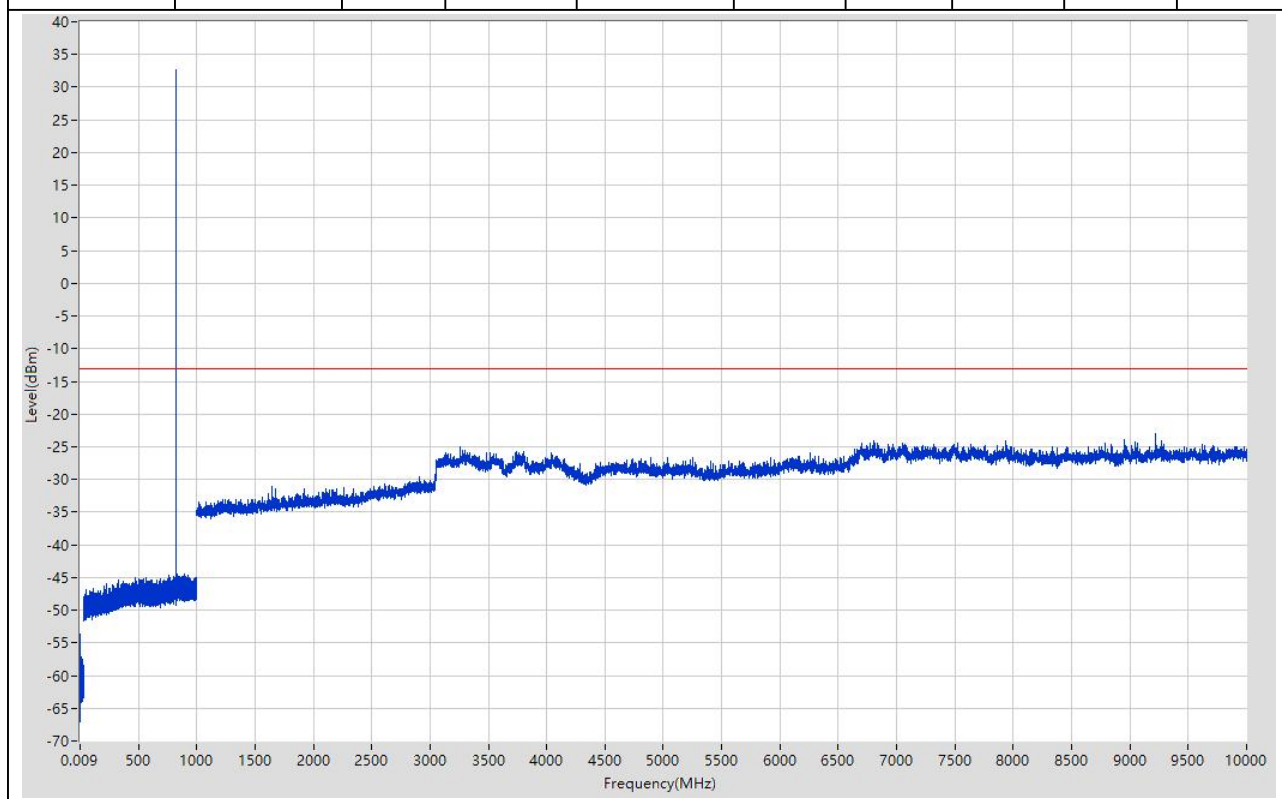
Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 41	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

Test Band	Test Bandwidth	Test Channel	Test Mode	Test RB (Size#Offset)	Verdict
Band 66	1.4 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	3 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	5 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	10 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	15 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
	20 MHz	LCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		MCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass
		HCH	QPSK	RB1#Low	Pass
			16-QAM	RB1#Low	Pass

1. GSM_GSM850

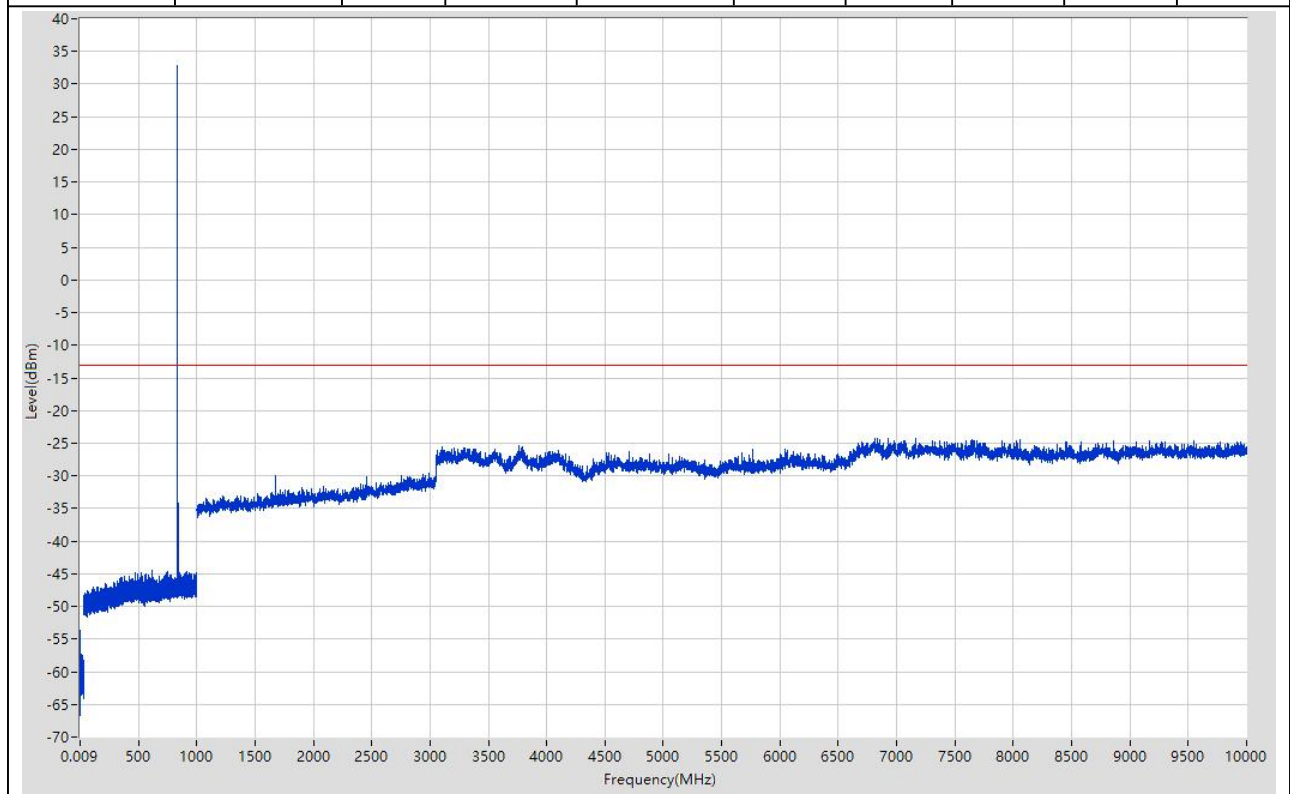
1.1 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:128)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-55.5	-13	42.5	Pass	141
0.15	30	0.01	Peak	0.15	-53.71	-13	40.71	Pass	2986
30	500	0.1	Peak	476.7	-44.98	-13	31.98	Pass	4701
500	1000	0.1	Peak	824.2	32.64	-13	-45.64	N/A	5001
1000	10000	1	Peak	9222	-22.99	-13	9.99	Pass	9002



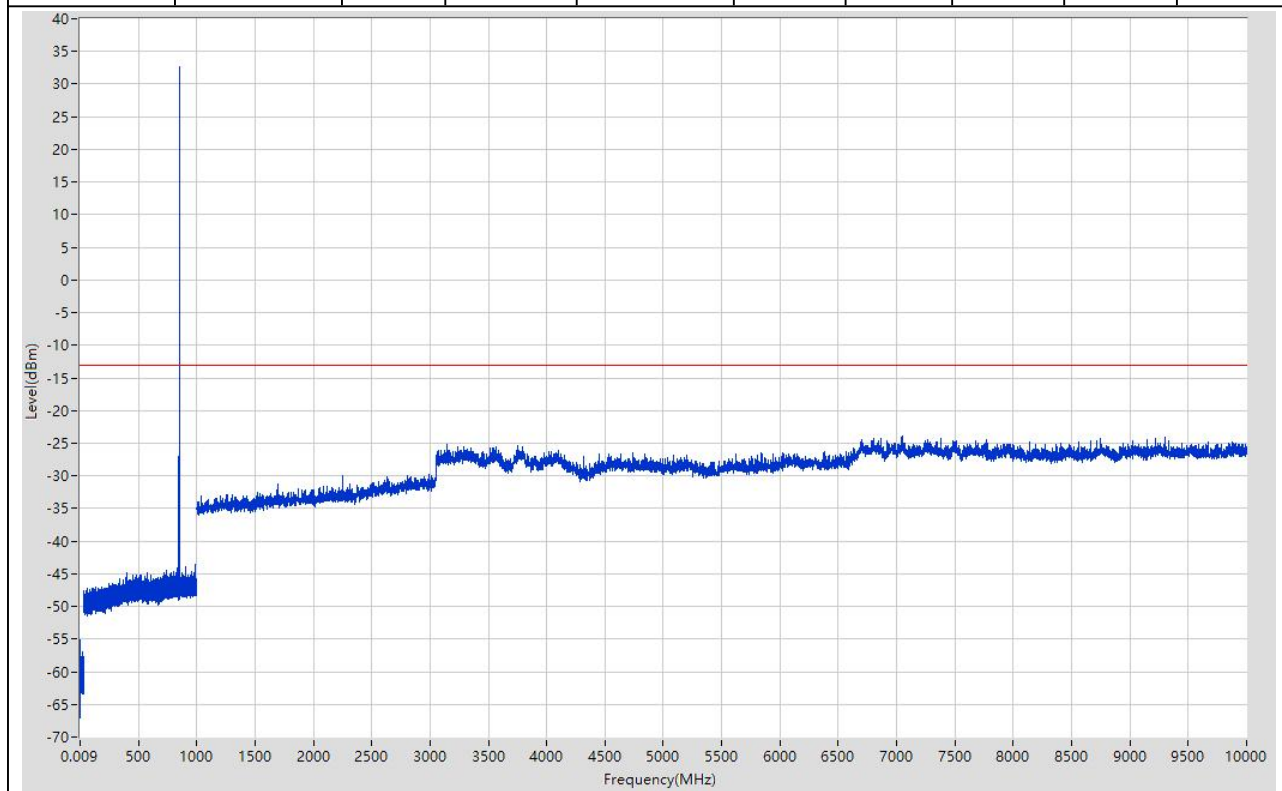
1.2 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:190)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-55.43	-13	42.43	Pass	141
0.15	30	0.01	Peak	0.19	-53.67	-13	40.67	Pass	2986
30	500	0.1	Peak	472.5	-44.9	-13	31.9	Pass	4701
500	1000	0.1	Peak	836.7	32.86	-13	-45.86	N/A	5001
1000	10000	1	Peak	6931	-24.23	-13	11.23	Pass	9002



1.3 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:251)(NTNV)

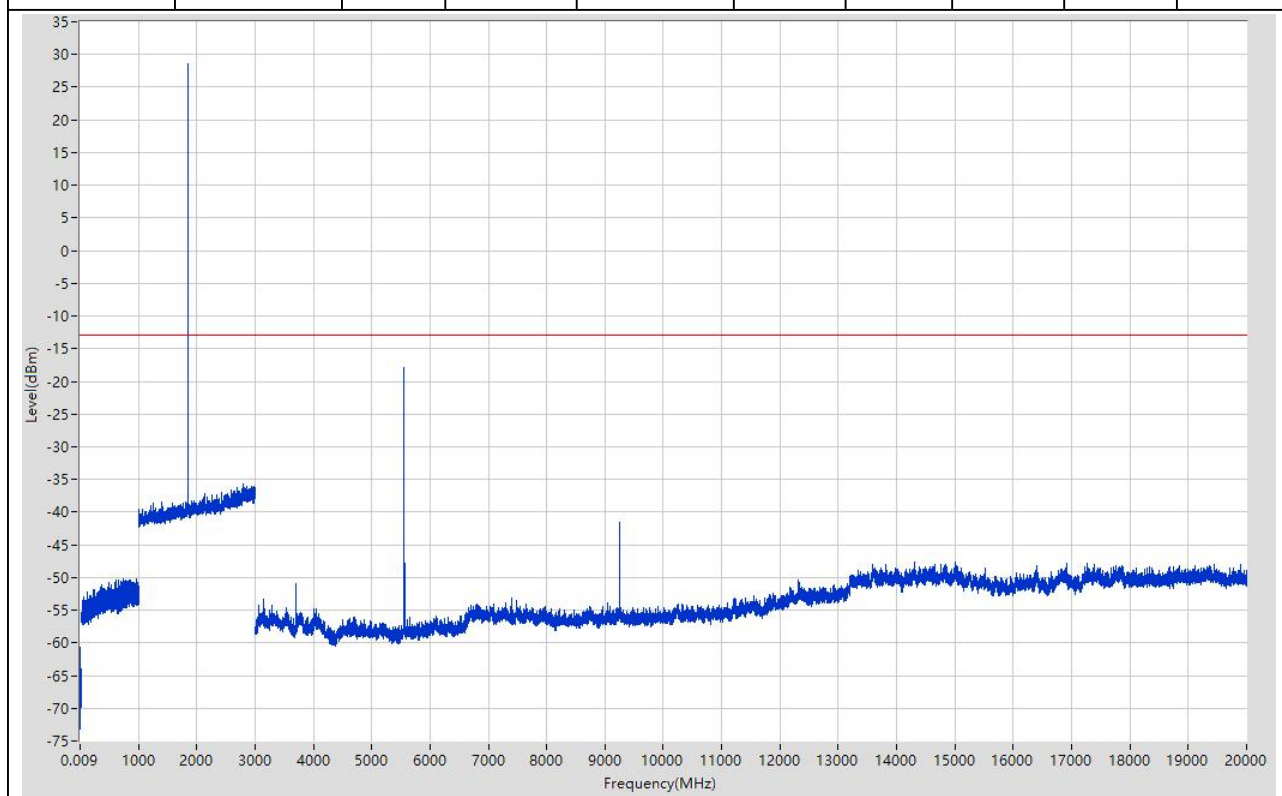
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-55.48	-13	42.48	Pass	141
0.15	30	0.01	Peak	0.41	-55.18	-13	42.18	Pass	2986
30	500	0.1	Peak	396	-44.93	-13	31.93	Pass	4701
500	1000	0.1	Peak	848.9	32.68	-13	-45.68	N/A	5001
1000	10000	1	Peak	7051	-23.84	-13	10.84	Pass	9002



2. GSM_PCS

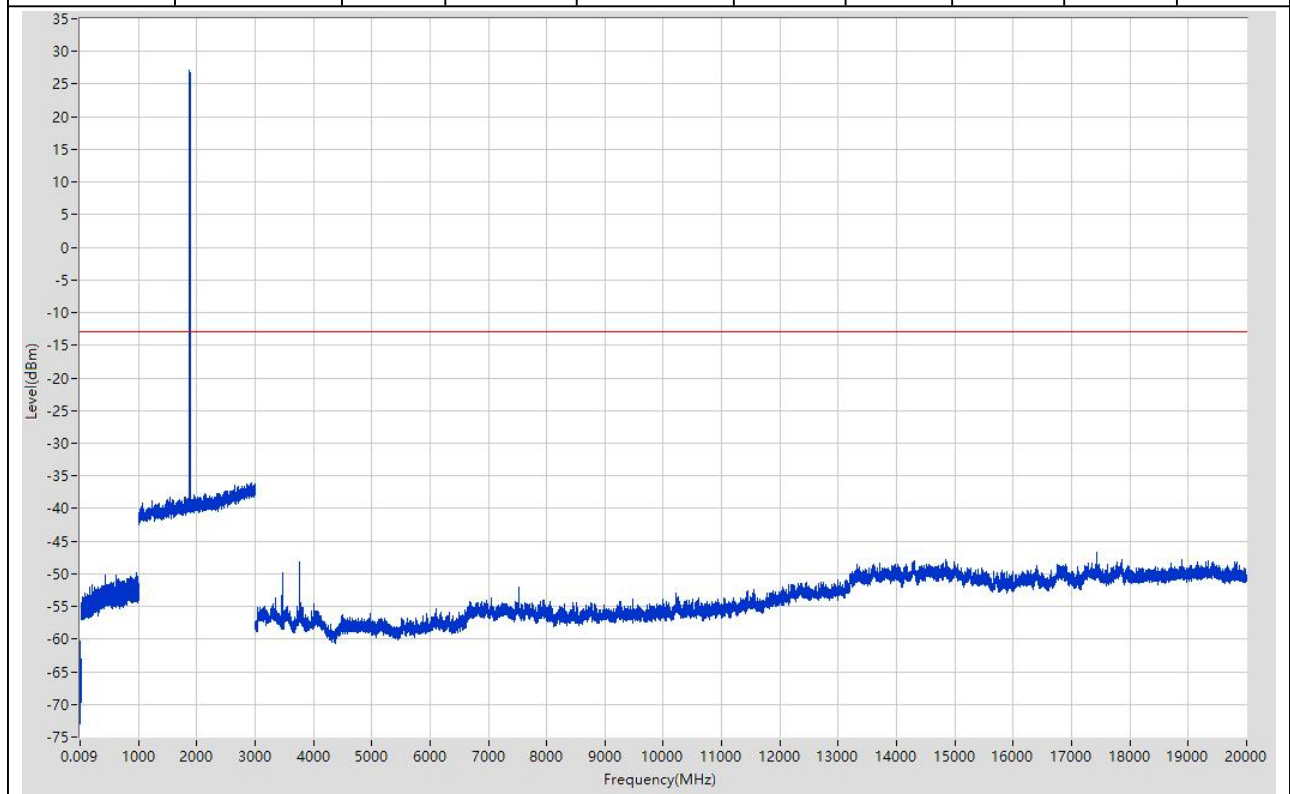
2.1 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:512)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.013	-61.03	-13	48.03	Pass	141
0.15	30	0.01	Peak	0.34	-60.64	-13	47.64	Pass	2986
30	1000	0.1	Peak	740	-50.12	-13	37.12	Pass	9701
1000	3000	1	Peak	1850	28.57	-13	-41.57	N/A	2001
3000	20000	1	Peak	5550	-17.82	-13	4.82	Pass	17003



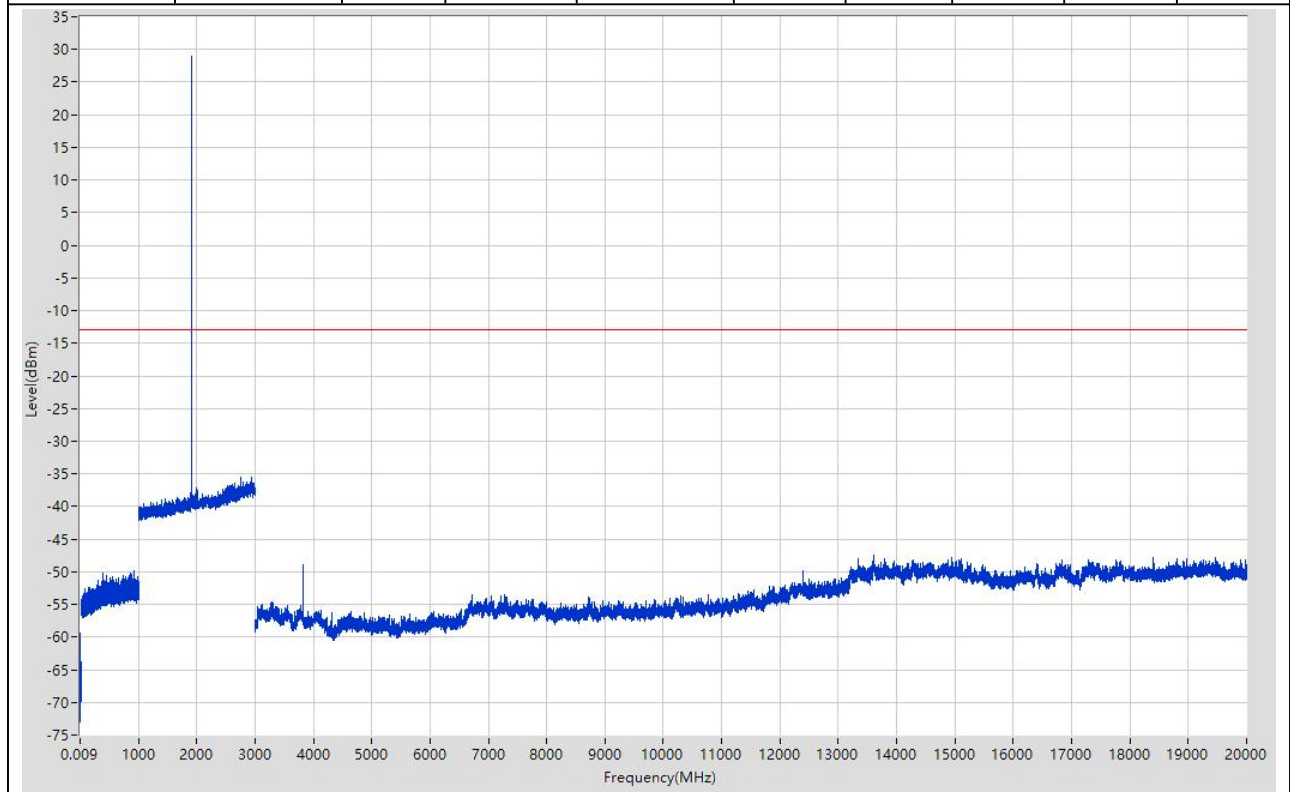
2.2 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:661)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-61.71	-13	48.71	Pass	141
0.15	30	0.01	Peak	0.29	-60.31	-13	47.31	Pass	2986
30	1000	0.1	Peak	966.778	-49.93	-13	36.93	Pass	9701
1000	3000	1	Peak	1880	27.18	-13	-40.18	N/A	2001
3000	20000	1	Peak	17438	-46.7	-13	33.7	Pass	17003



2.3 GSM Spurious Emission at Antenna Terminals_Part22-24(Channel:810)(NTNV)

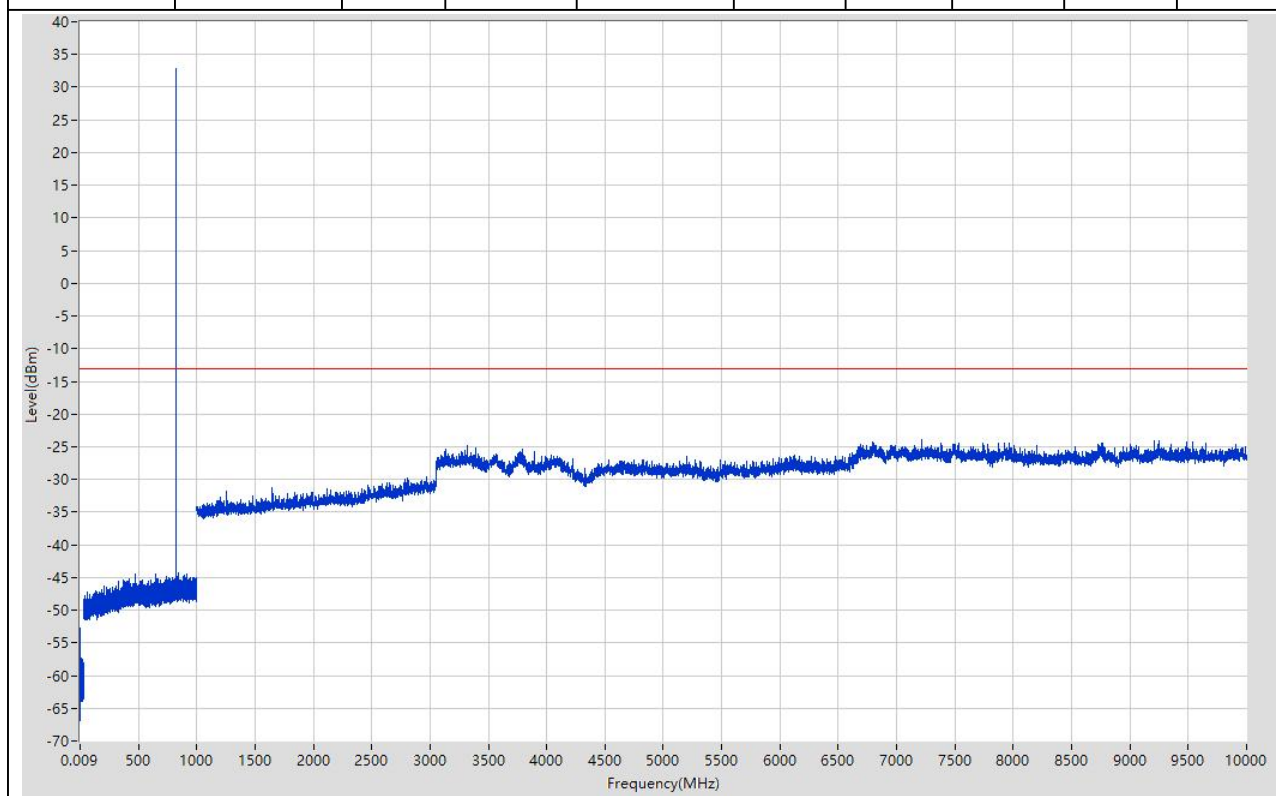
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-60.2	-13	47.2	Pass	141
0.15	30	0.01	Peak	0.15	-59.31	-13	46.31	Pass	2986
30	1000	0.1	Peak	932.755	-49.87	-13	36.87	Pass	9701
1000	3000	1	Peak	1910	28.96	-13	-41.96	N/A	2001
3000	20000	1	Peak	13603	-47.54	-13	34.54	Pass	17003



1. GPRS_GSM850

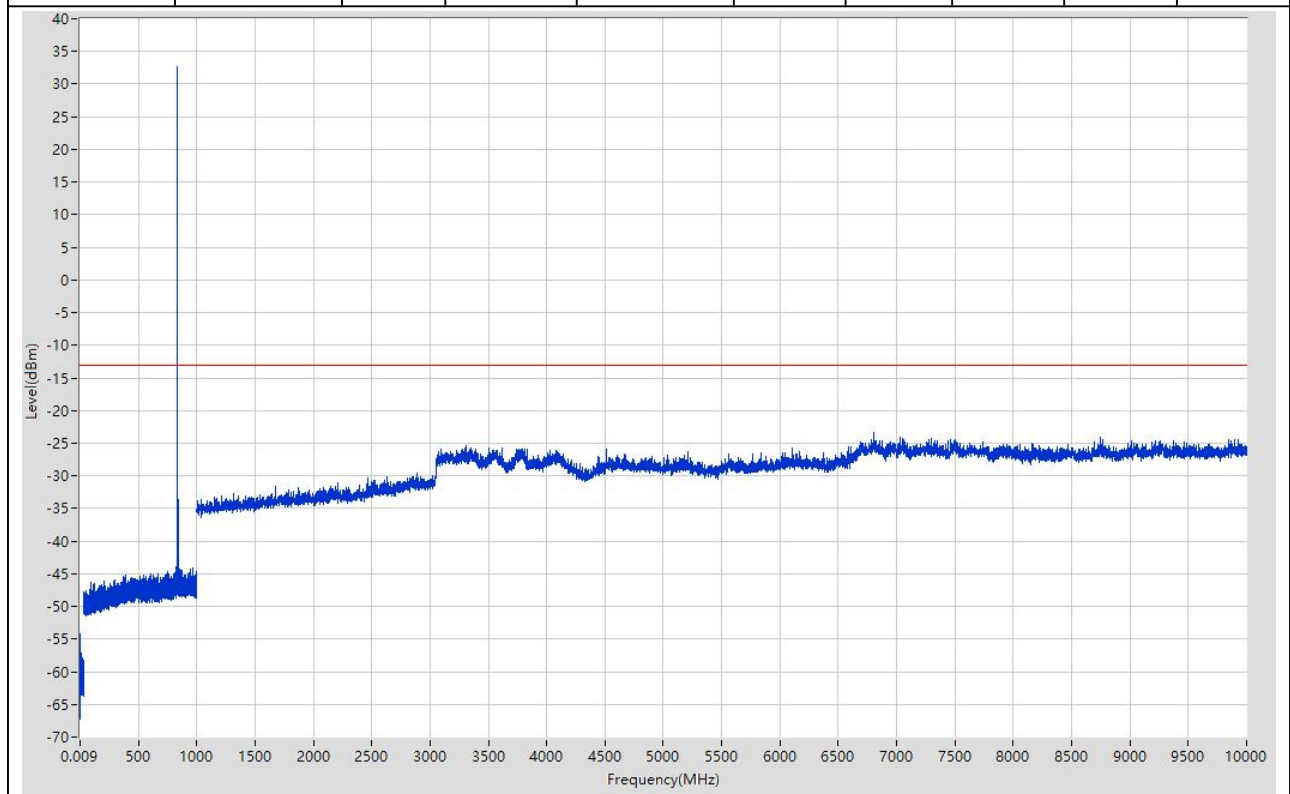
1.1 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:128)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.013	-54.78	-13	41.78	Pass	141
0.15	30	0.01	Peak	0.16	-52.67	-13	39.67	Pass	2986
30	500	0.1	Peak	476.4	-44.54	-13	31.54	Pass	4701
500	1000	0.1	Peak	824.3	32.88	-13	-45.88	N/A	5001
1000	10000	1	Peak	7211	-23.9	-13	10.9	Pass	9002



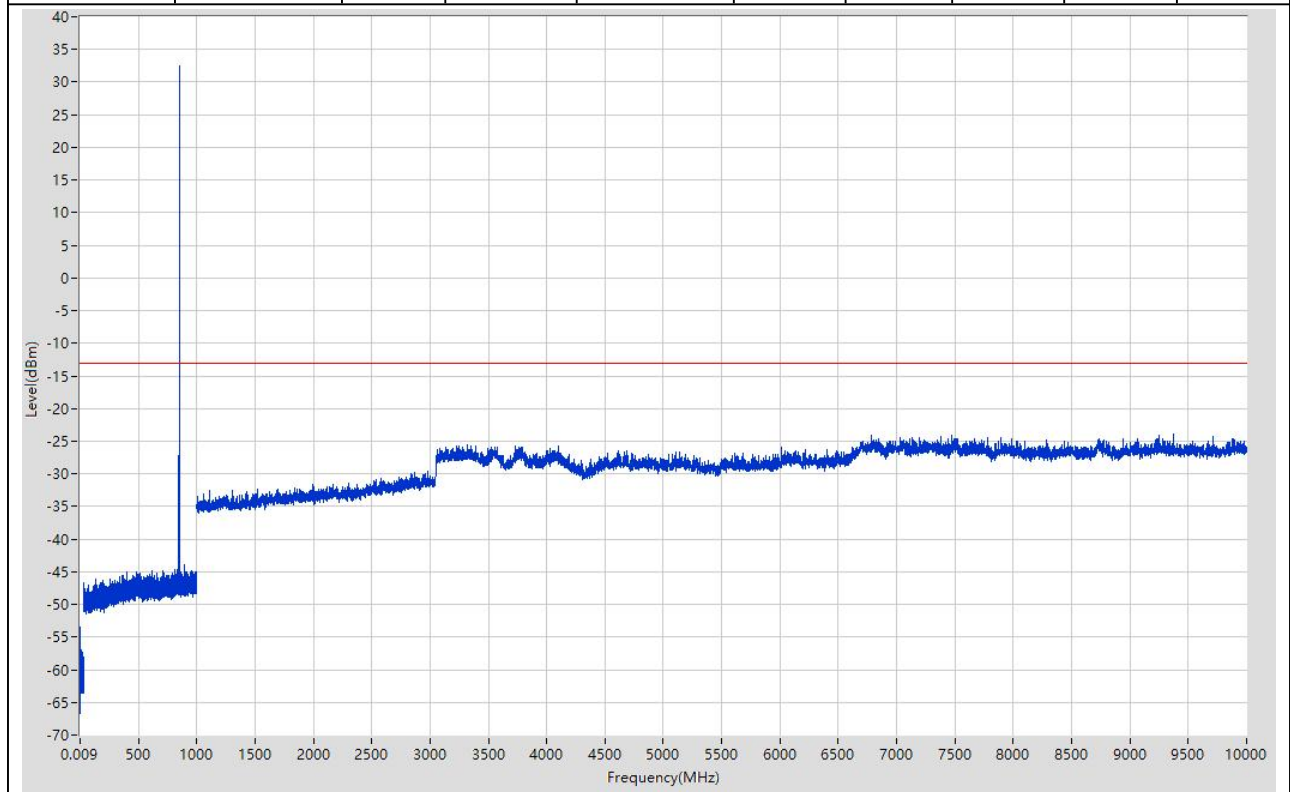
1.2 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:190)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-55.9	-13	42.9	Pass	141
0.15	30	0.01	Peak	0.16	-54.16	-13	41.16	Pass	2986
30	500	0.1	Peak	388	-45.24	-13	32.24	Pass	4701
500	1000	0.1	Peak	836.7	32.7	-13	-45.7	N/A	5001
1000	10000	1	Peak	6801	-23.34	-13	10.34	Pass	9002



1.3 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:251)(NTNV)

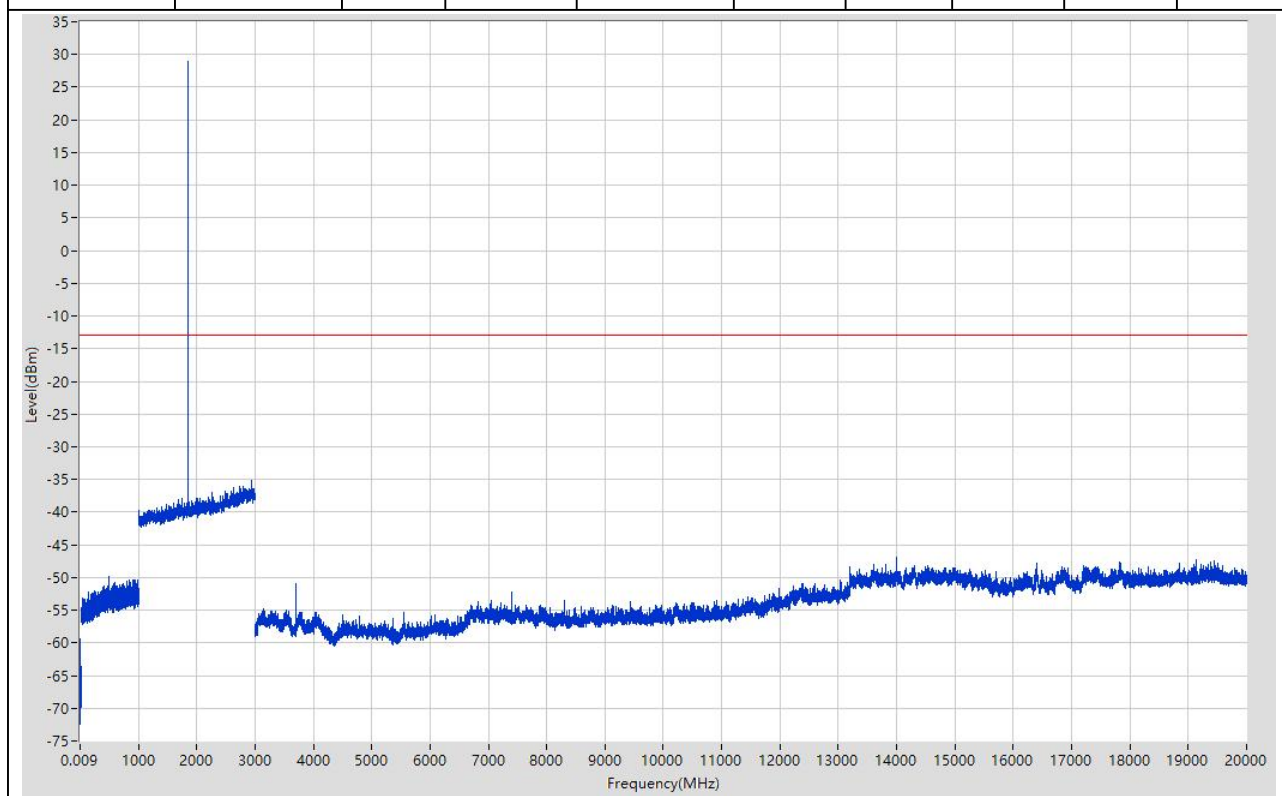
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-54.86	-13	41.86	Pass	141
0.15	30	0.01	Peak	0.23	-53.54	-13	40.54	Pass	2986
30	500	0.1	Peak	399	-45.02	-13	32.02	Pass	4701
500	1000	0.1	Peak	848.7	32.43	-13	-45.43	N/A	5001
1000	10000	1	Peak	9369	-23.91	-13	10.91	Pass	9002



2. GPRS_PCS

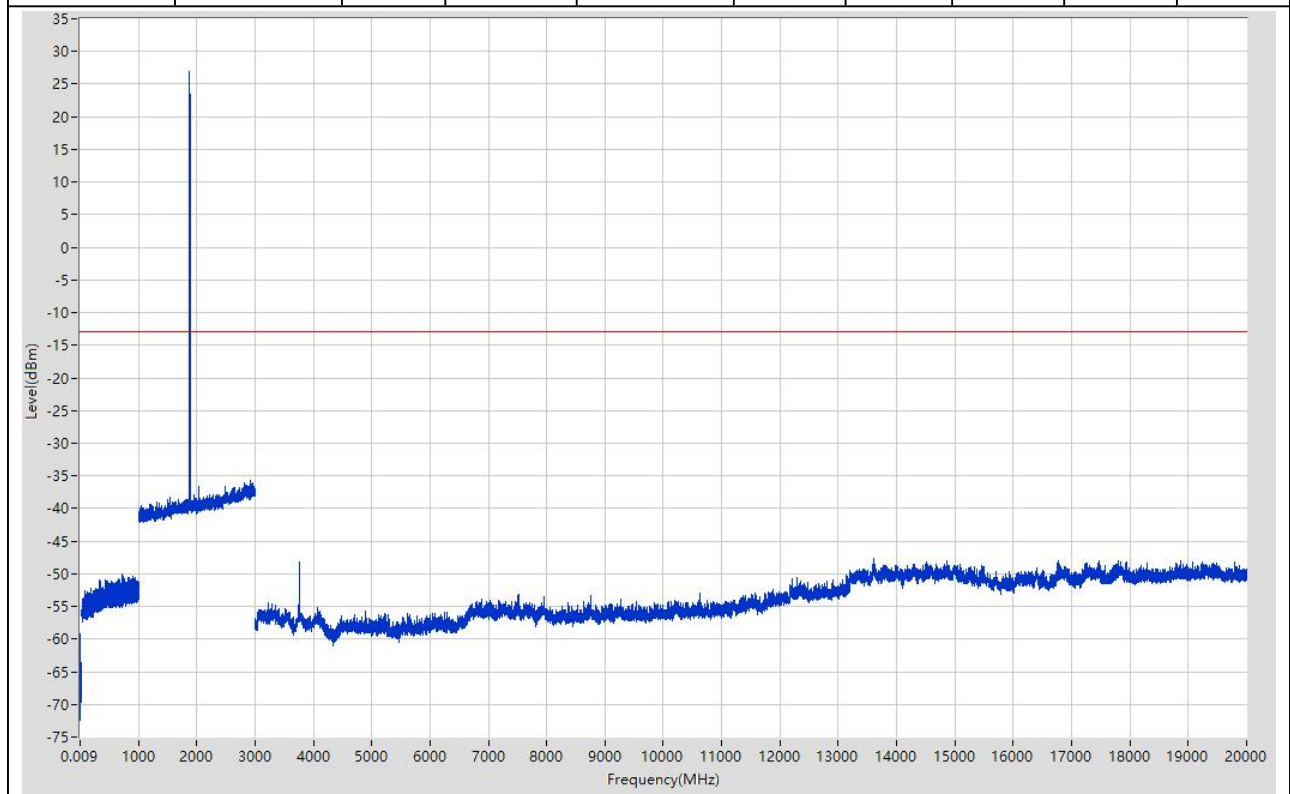
2.1 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:512)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-61.37	-13	48.37	Pass	141
0.15	30	0.01	Peak	0.33	-59.41	-13	46.41	Pass	2986
30	1000	0.1	Peak	484	-49.77	-13	36.77	Pass	9701
1000	3000	1	Peak	1850	28.94	-13	-41.94	N/A	2001
3000	20000	1	Peak	14007	-46.88	-13	33.88	Pass	17003



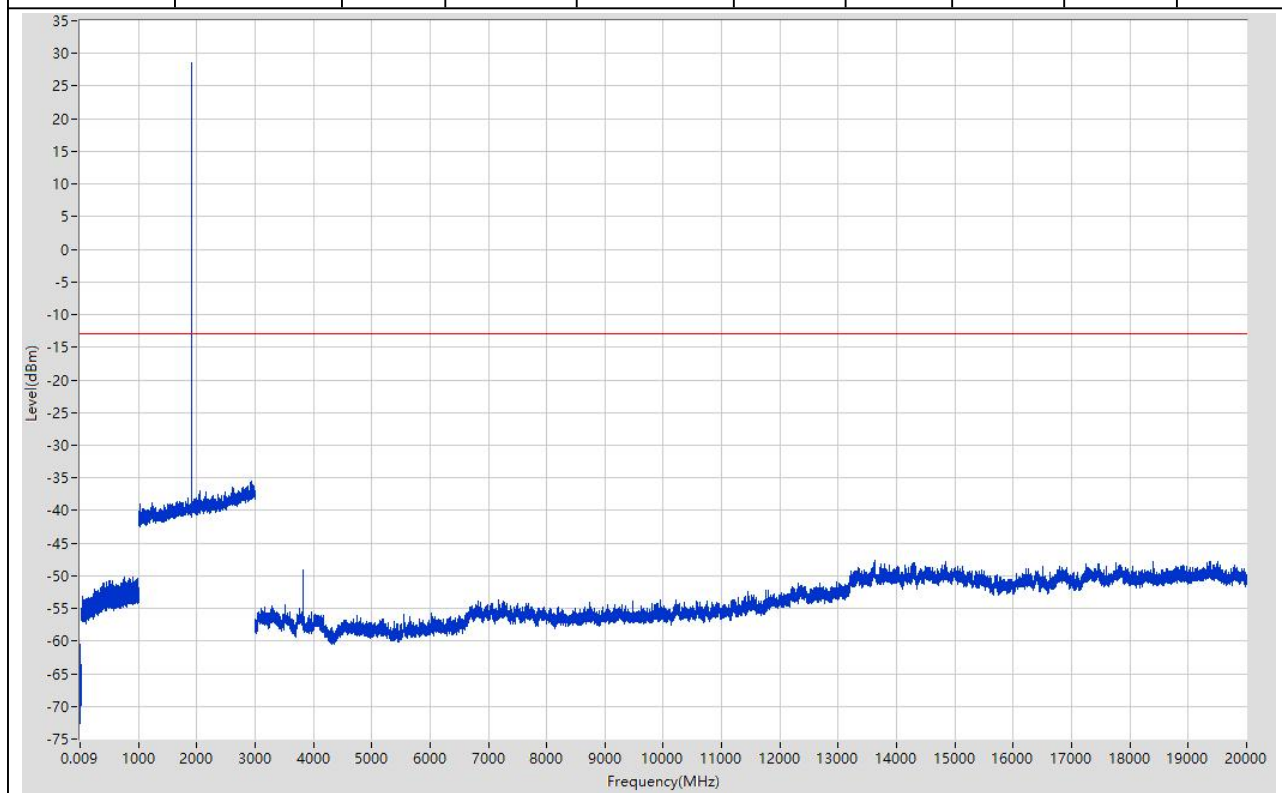
2.2 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:661)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-59.27	-13	46.27	Pass	141
0.15	30	0.01	Peak	0.17	-60.98	-13	47.98	Pass	2986
30	1000	0.1	Peak	716.5	-50.1	-13	37.1	Pass	9701
1000	3000	1	Peak	1880	26.94	-13	-39.94	N/A	2001
3000	20000	1	Peak	13602	-47.72	-13	34.72	Pass	17003



2.3 GPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:810)(NTNV)

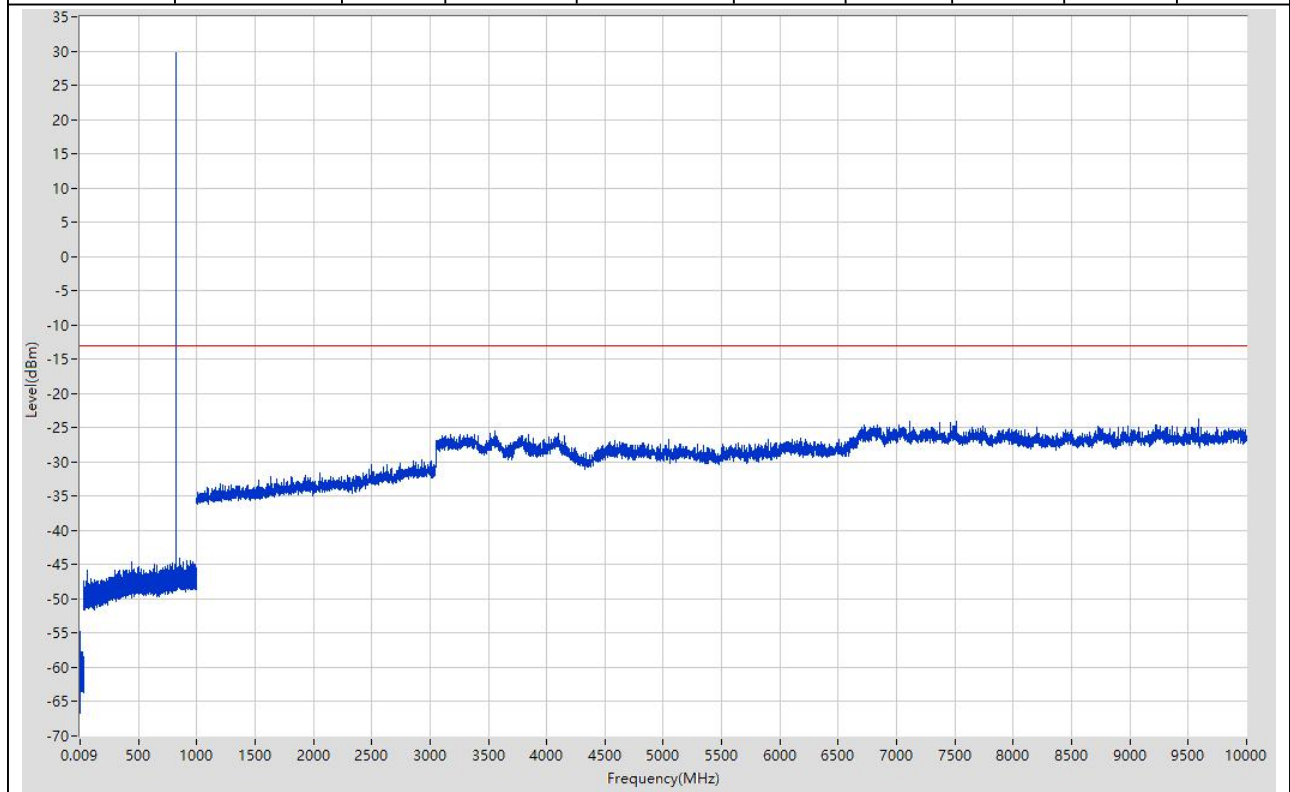
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-61.45	-13	48.45	Pass	141
0.15	30	0.01	Peak	0.15	-60.56	-13	47.56	Pass	2986
30	1000	0.1	Peak	910.441	-50.18	-13	37.18	Pass	9701
1000	3000	1	Peak	1910	28.49	-13	-41.49	N/A	2001
3000	20000	1	Peak	13618	-47.57	-13	34.57	Pass	17003



2. EGPRS_GSM850

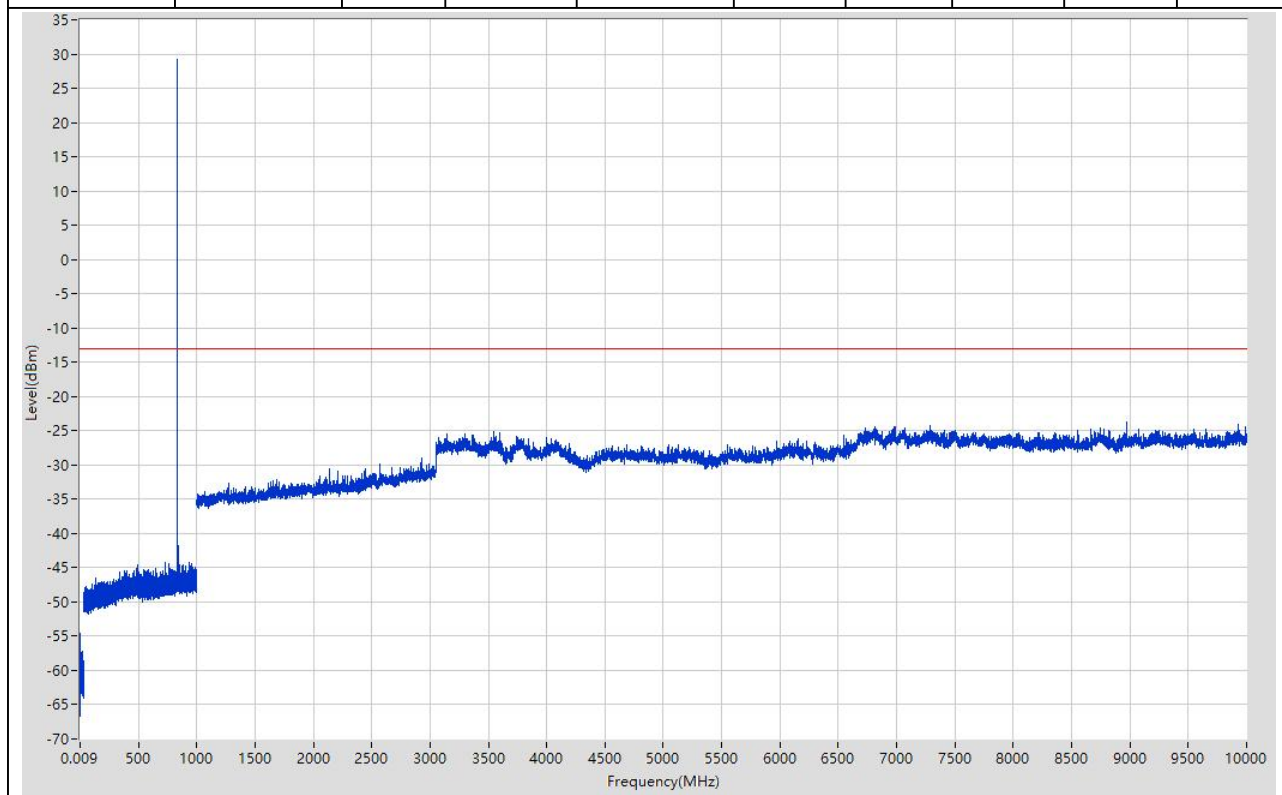
2.1 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:128)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-55.66	-13	42.66	Pass	141
0.15	30	0.01	Peak	0.15	-54.69	-13	41.69	Pass	2986
30	500	0.1	Peak	445.6	-44.6	-13	31.6	Pass	4701
500	1000	0.1	Peak	824.2	29.72	-13	-42.72	N/A	5001
1000	10000	1	Peak	9584	-23.73	-13	10.73	Pass	9002



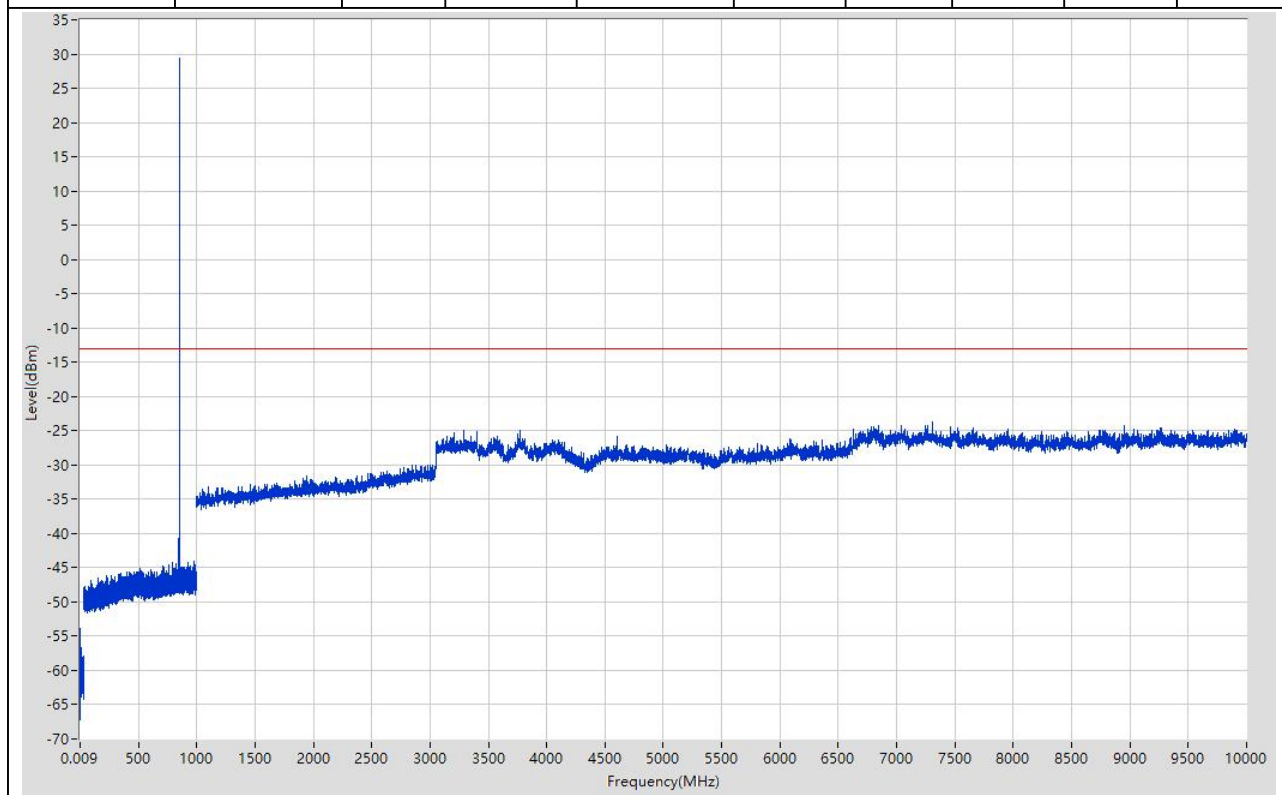
2.2 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:190)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-54.65	-13	41.65	Pass	141
0.15	30	0.01	Peak	0.3	-54.57	-13	41.57	Pass	2986
30	500	0.1	Peak	493.9	-44.65	-13	31.65	Pass	4701
500	1000	0.1	Peak	836.6	29.25	-13	-42.25	N/A	5001
1000	10000	1	Peak	8974	-23.73	-13	10.73	Pass	9002



2.3 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:251)(NTNV)

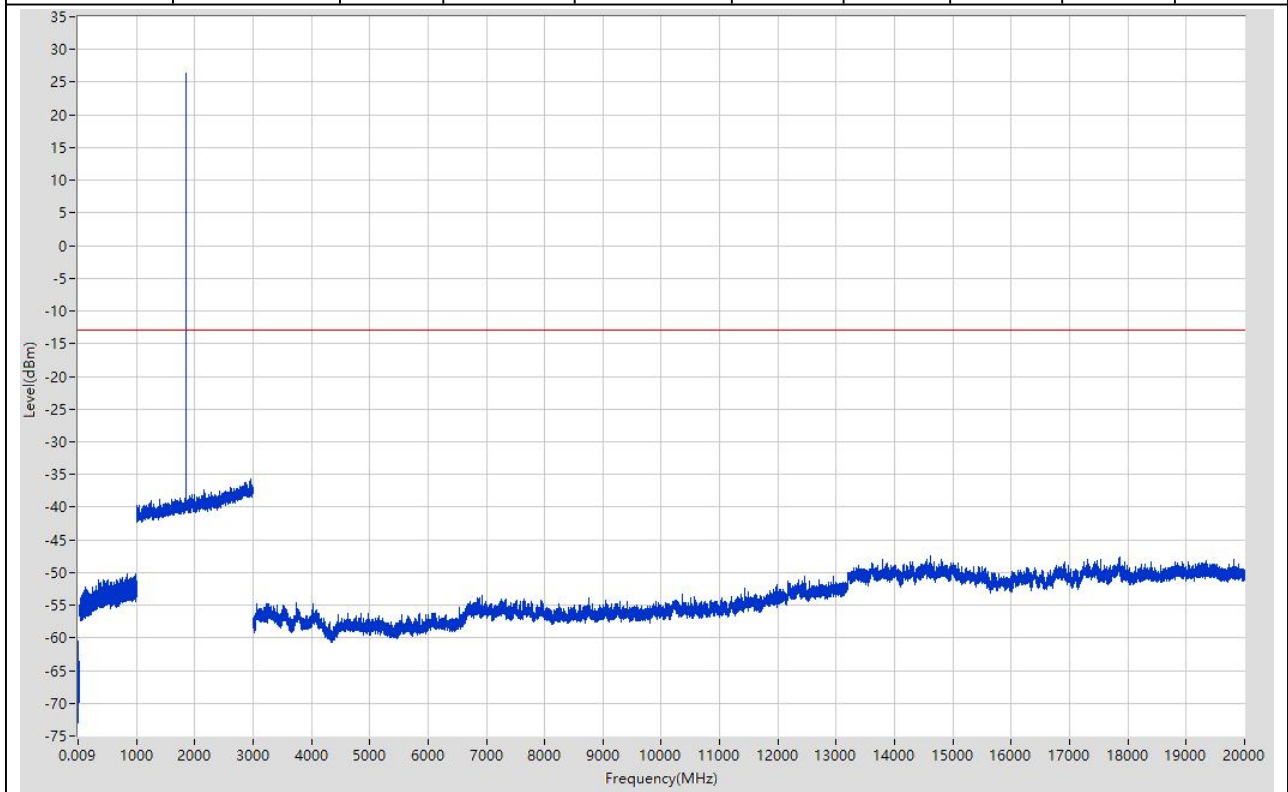
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-56.27	-13	43.27	Pass	141
0.15	30	0.01	Peak	0.21	-53.9	-13	40.9	Pass	2986
30	500	0.1	Peak	496.3	-45.55	-13	32.55	Pass	4701
500	1000	0.1	Peak	848.8	29.45	-13	-42.45	N/A	5001
1000	10000	1	Peak	7310	-23.76	-13	10.76	Pass	9002



1. EGPRS_PCS

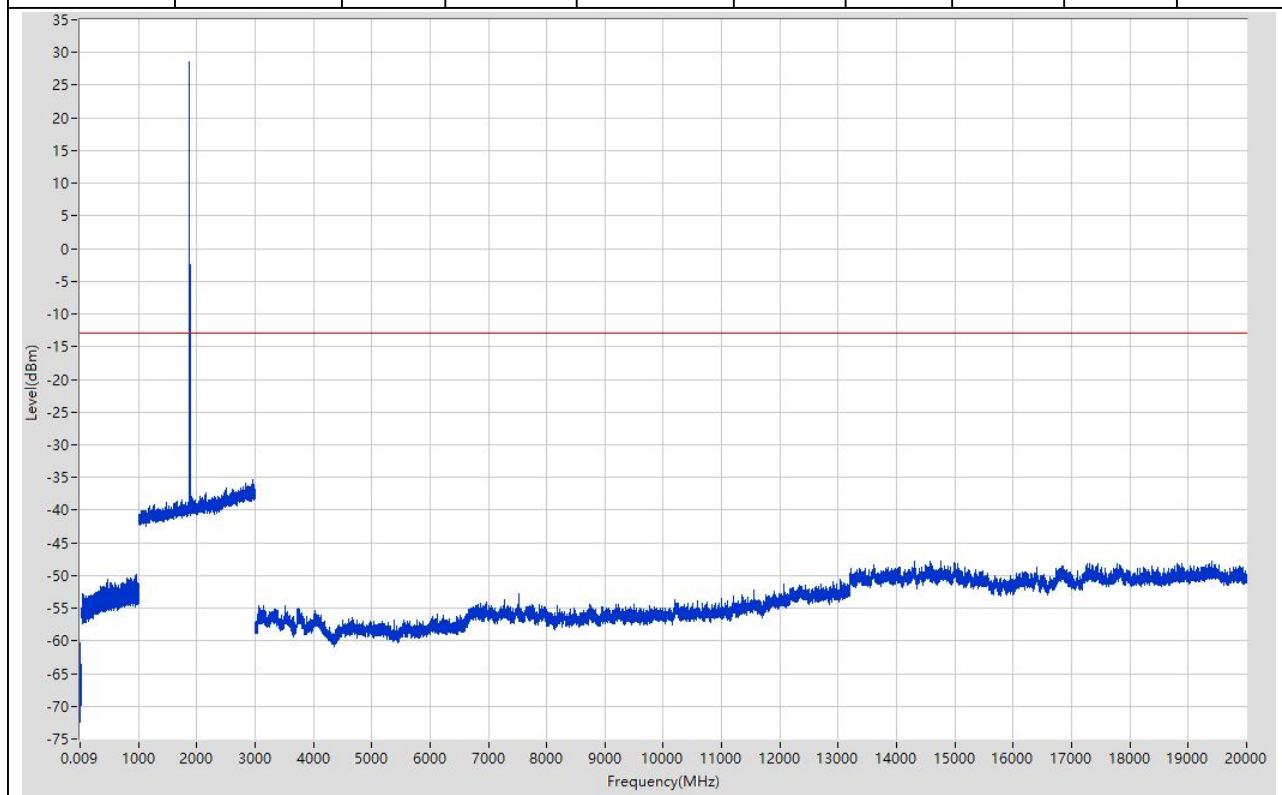
1.1 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:512)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-61.1	-13	48.1	Pass	141
0.15	30	0.01	Peak	0.39	-60.54	-13	47.54	Pass	2986
30	1000	0.1	Peak	838.5	-50.28	-13	37.28	Pass	9701
1000	3000	1	Peak	1851	26.4	-13	-39.4	N/A	2001
3000	20000	1	Peak	14605	-47.38	-13	34.38	Pass	17003



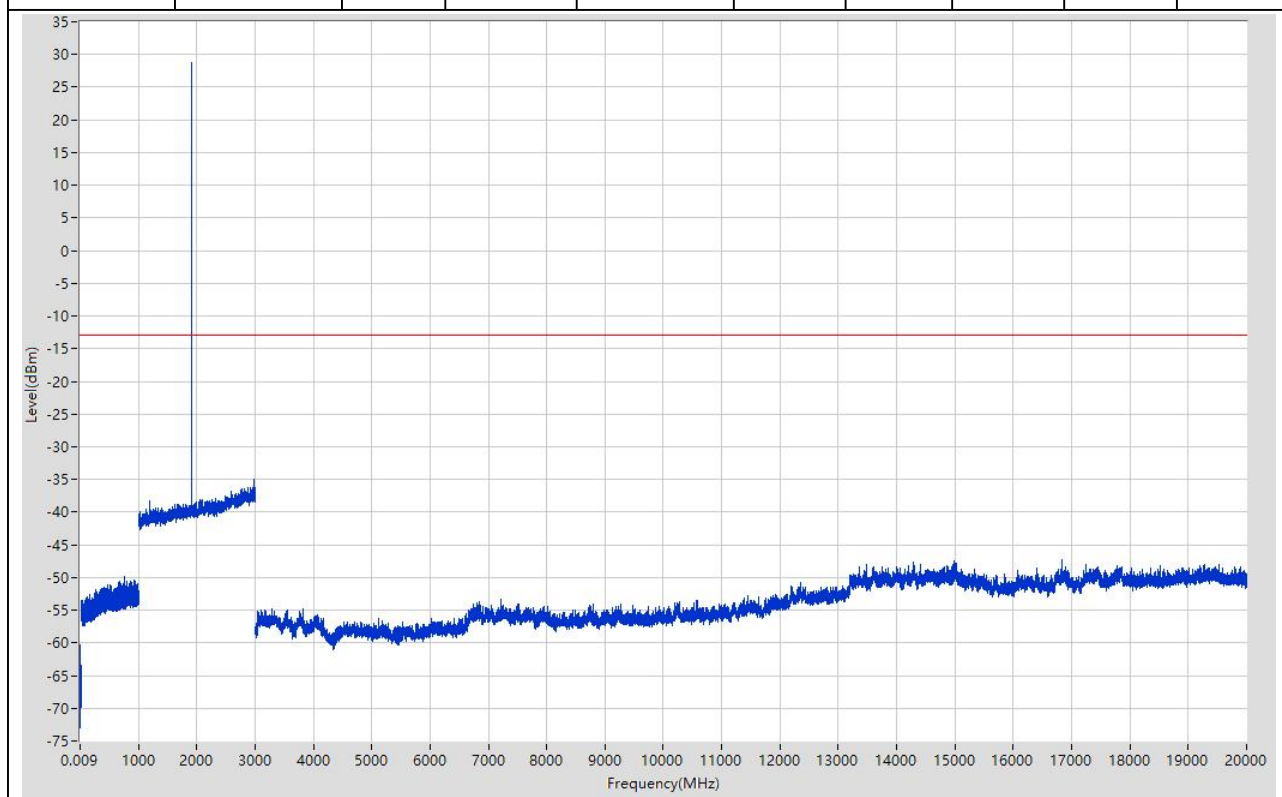
1.2 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:661)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-61.11	-13	48.11	Pass	141
0.15	30	0.01	Peak	0.2	-60.34	-13	47.34	Pass	2986
30	1000	0.1	Peak	974.983	-49.81	-13	36.81	Pass	9701
1000	3000	1	Peak	1880	28.49	-13	-41.49	N/A	2001
3000	20000	1	Peak	14582	-47.73	-13	34.73	Pass	17003



1.3 EGPRS Spurious Emission at Antenna Terminals_Part22-24(Channel:810)(NTNV)

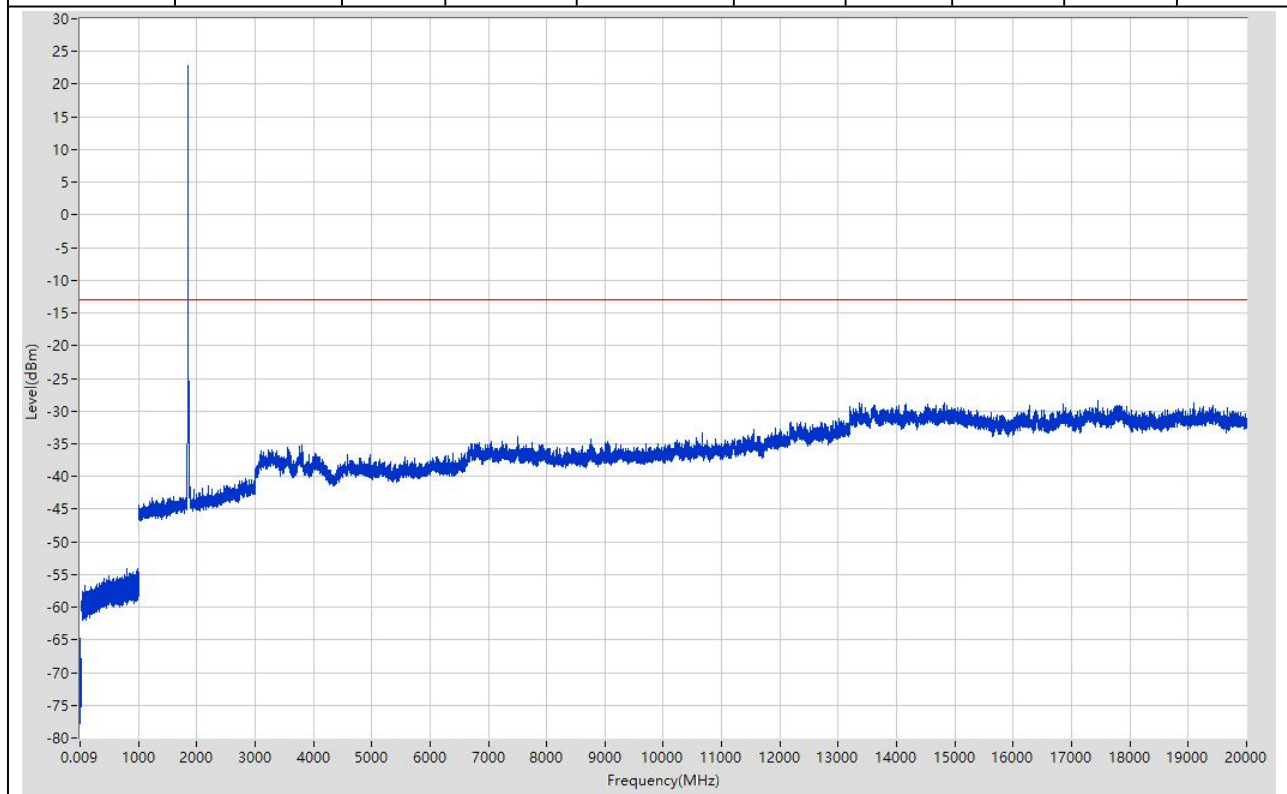
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-61.85	-13	48.85	Pass	141
0.15	30	0.01	Peak	0.15	-60.34	-13	47.34	Pass	2986
30	1000	0.1	Peak	760.3	-49.87	-13	36.87	Pass	9701
1000	3000	1	Peak	1910	28.68	-13	-41.68	N/A	2001
3000	20000	1	Peak	16839	-47.34	-13	34.34	Pass	17003



1. WCDMA_Band2

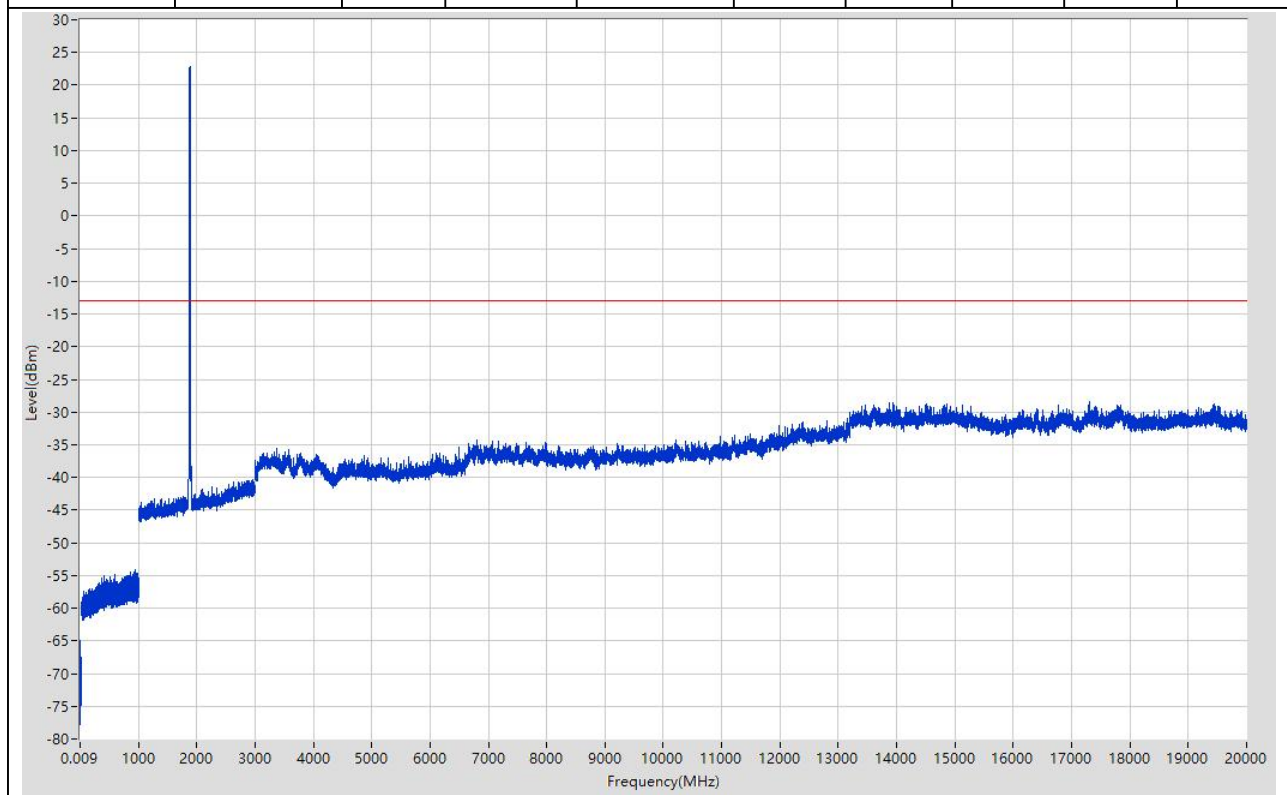
1.1 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:9262)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-66.2	-13	53.2	Pass	141
0.15	30	0.01	Peak	0.15	-64.77	-13	51.77	Pass	2986
30	1000	0.1	Peak	793.6	-54.04	-13	41.04	Pass	9701
1000	3000	1	Peak	1854	22.85	-13	-35.85	N/A	2001
3000	20000	1	Peak	17459	-28.46	-13	15.46	Pass	17003



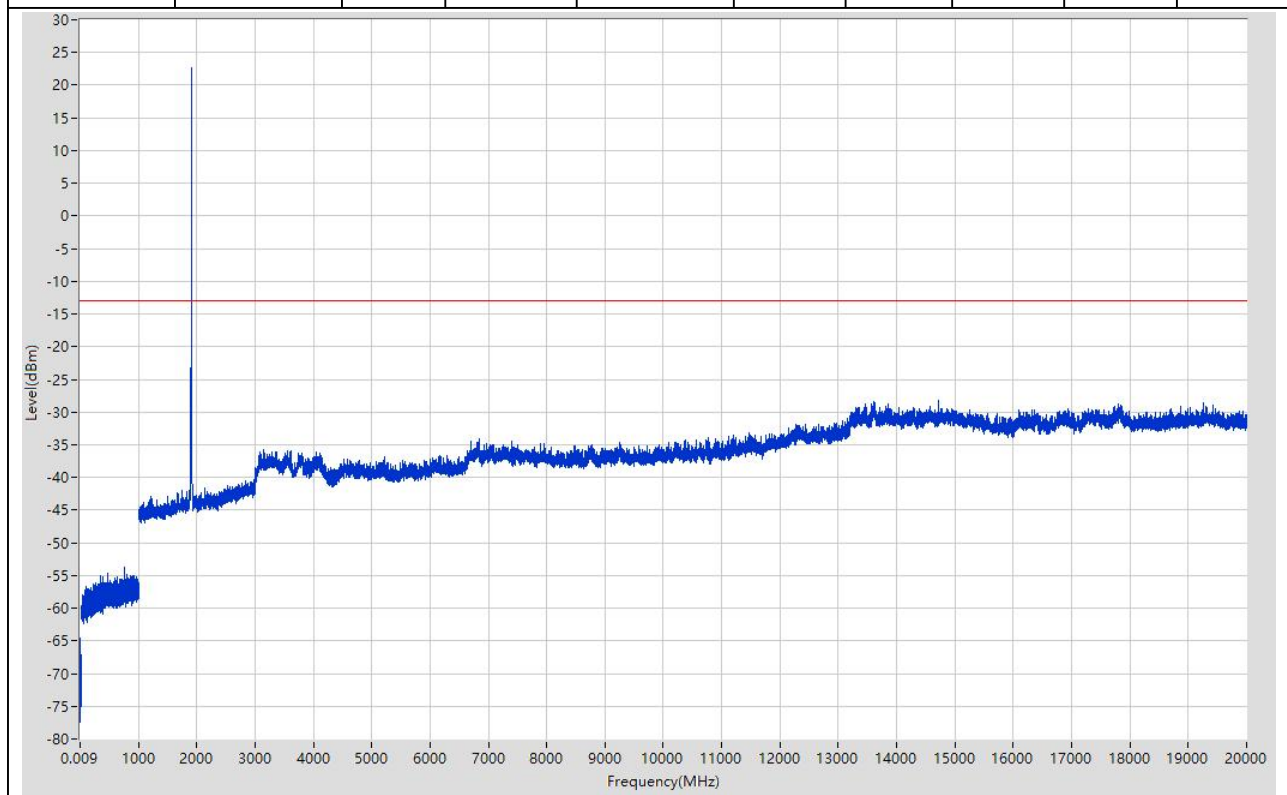
1.2 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:9400)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.01	-66.69	-13	53.69	Pass	141
0.15	30	0.01	Peak	0.2	-65.01	-13	52.01	Pass	2986
30	1000	0.1	Peak	940.36	-54.06	-13	41.06	Pass	9701
1000	3000	1	Peak	1881	22.77	-13	-35.77	N/A	2001
3000	20000	1	Peak	17309	-28.46	-13	15.46	Pass	17003



1.3 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:9538)(NTNV)

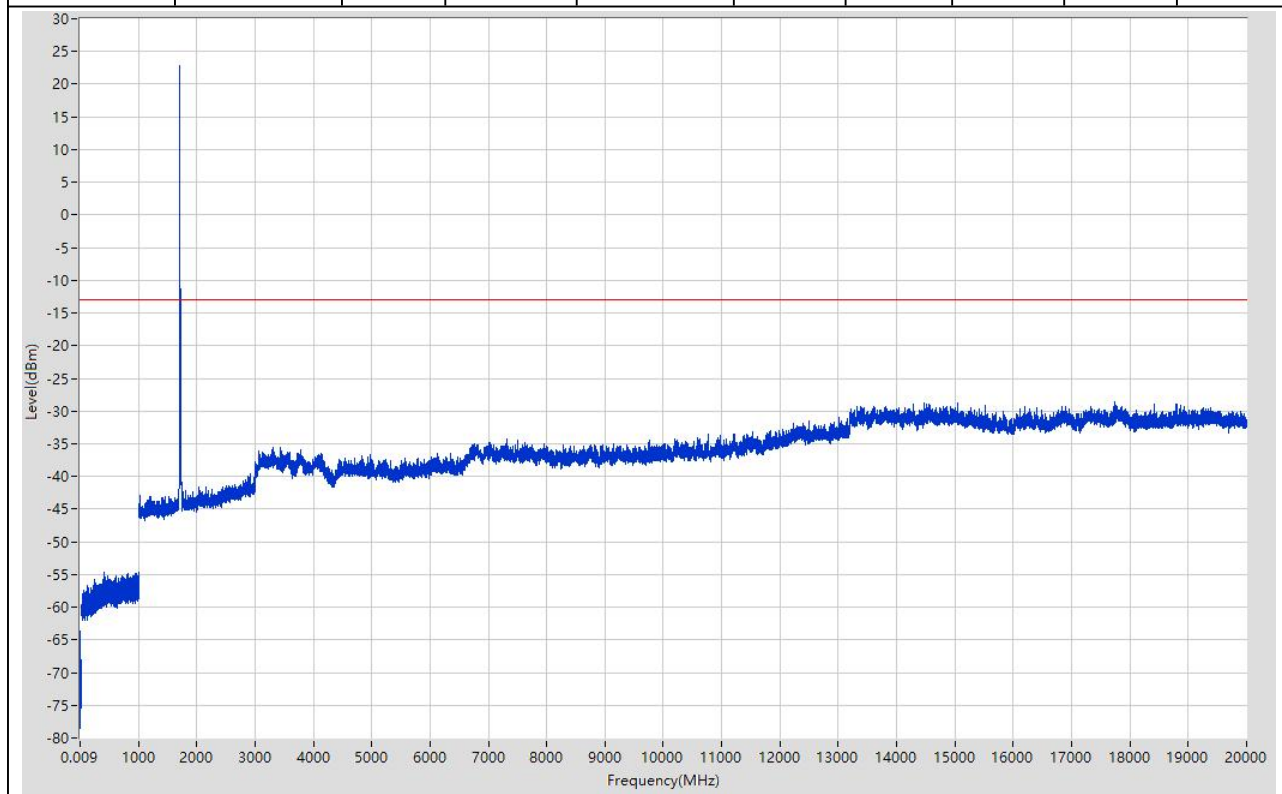
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.014	-64.62	-13	51.62	Pass	141
0.15	30	0.01	Peak	0.26	-65.15	-13	52.15	Pass	2986
30	1000	0.1	Peak	752	-53.74	-13	40.74	Pass	9701
1000	3000	1	Peak	1906	22.68	-13	-35.68	N/A	2001
3000	20000	1	Peak	14725	-28.13	-13	15.13	Pass	17003



2. WCDMA_Band4

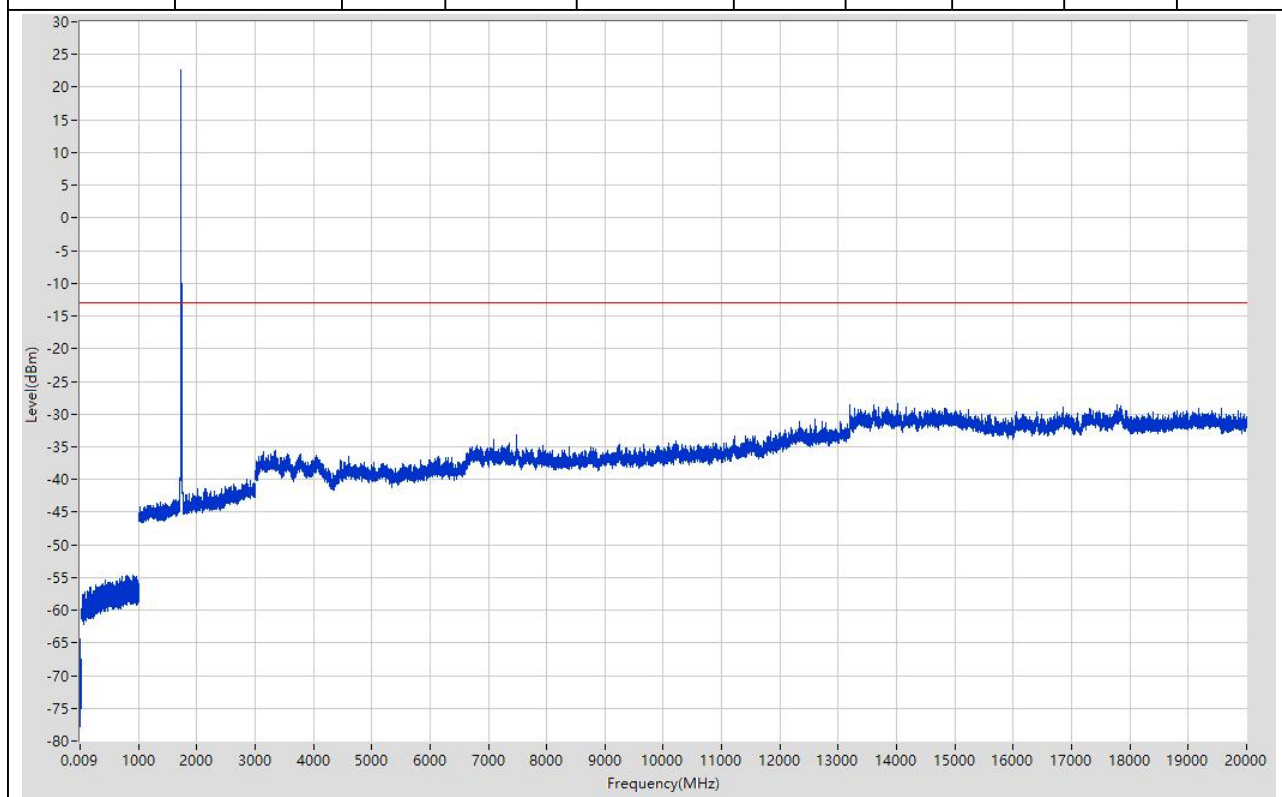
2.1 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:1312)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-65.93	-13	52.93	Pass	141
0.15	30	0.01	Peak	0.17	-63.61	-13	50.61	Pass	2986
30	1000	0.1	Peak	413.2	-54.69	-13	41.69	Pass	9701
1000	3000	1	Peak	1714	22.79	-13	-35.79	N/A	2001
3000	20000	1	Peak	17749	-28.52	-13	15.52	Pass	17003



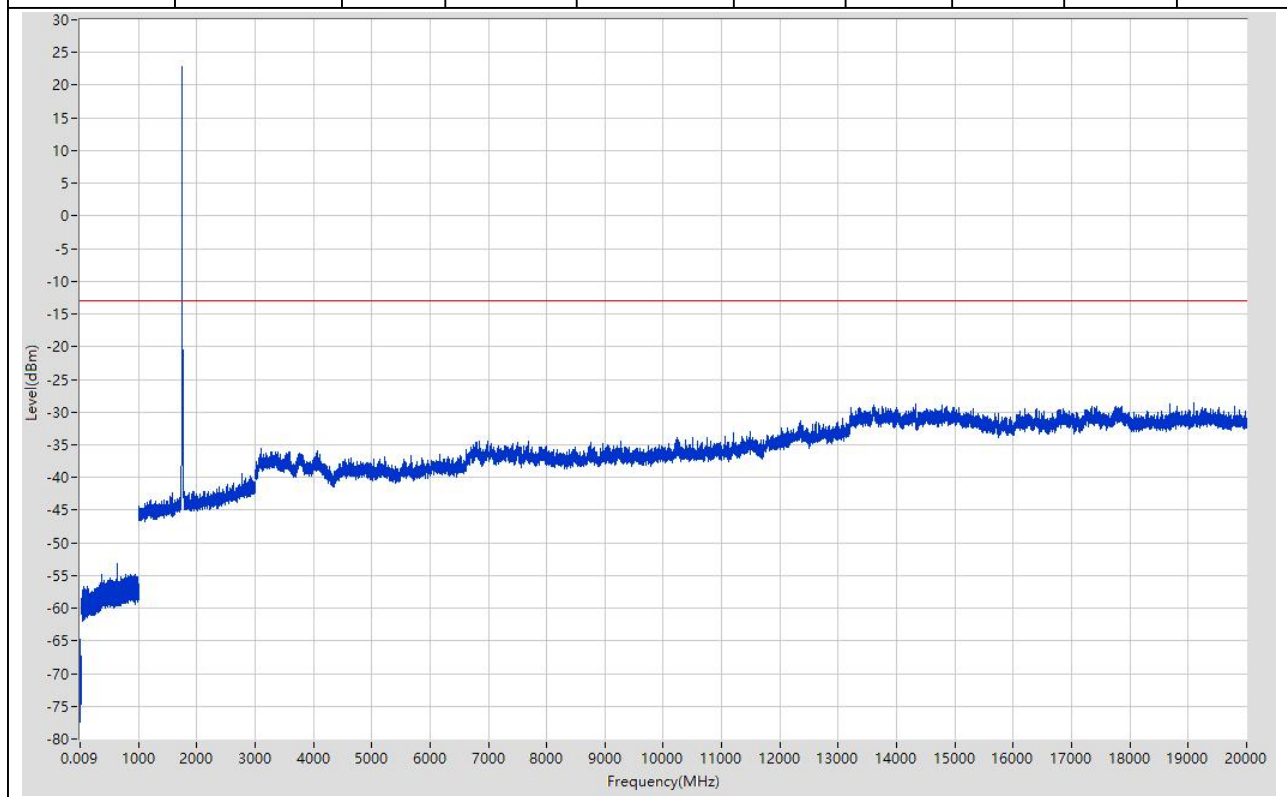
2.2 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:1412)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.012	-64.96	-13	51.96	Pass	141
0.15	30	0.01	Peak	0.19	-64.32	-13	51.32	Pass	2986
30	1000	0.1	Peak	796.7	-54.6	-13	41.6	Pass	9701
1000	3000	1	Peak	1734	22.73	-13	-35.73	N/A	2001
3000	20000	1	Peak	14011	-28.47	-13	15.47	Pass	17003



2.3 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:1513)(NTNV)

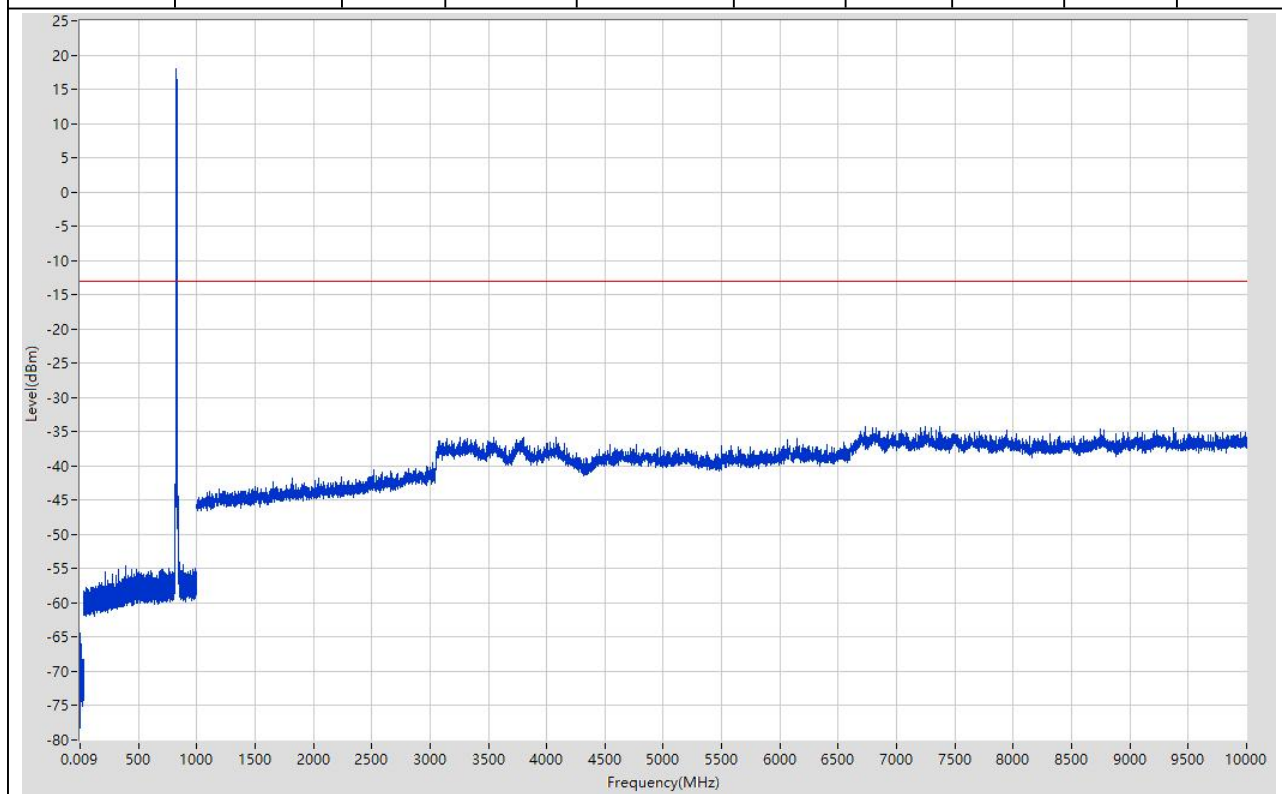
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.011	-65.72	-13	52.72	Pass	141
0.15	30	0.01	Peak	2.68	-64.78	-13	51.78	Pass	2986
30	1000	0.1	Peak	632.4	-53.22	-13	40.22	Pass	9701
1000	3000	1	Peak	1751	22.83	-13	-35.83	N/A	2001
3000	20000	1	Peak	19090	-28.6	-13	15.6	Pass	17003



3. WCDMA_Band5

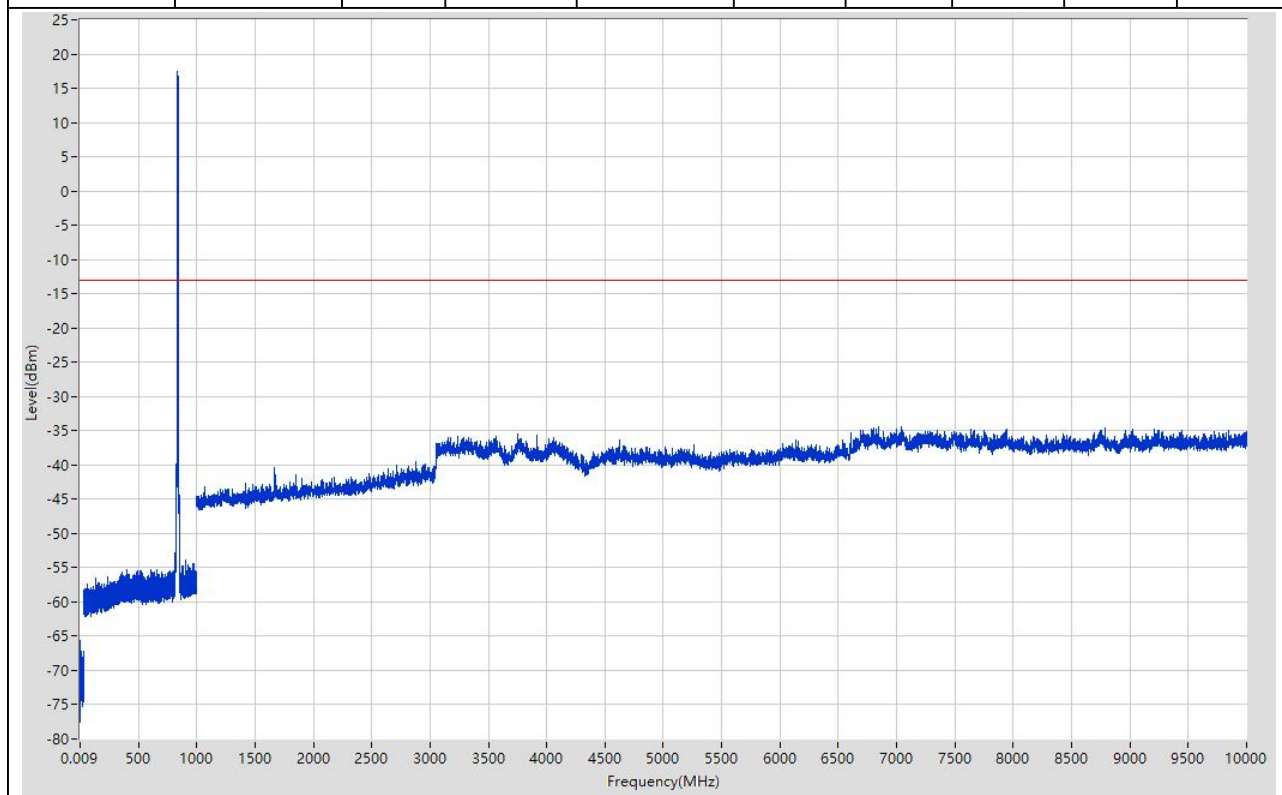
3.1 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:4132)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.016	-64.97	-13	51.97	Pass	141
0.15	30	0.01	Peak	0.25	-64.45	-13	51.45	Pass	2986
30	500	0.1	Peak	393.8	-54.57	-13	41.57	Pass	4701
500	1000	0.1	Peak	827	17.95	-13	-30.95	N/A	5001
1000	10000	1	Peak	6730	-34.22	-13	21.22	Pass	9002



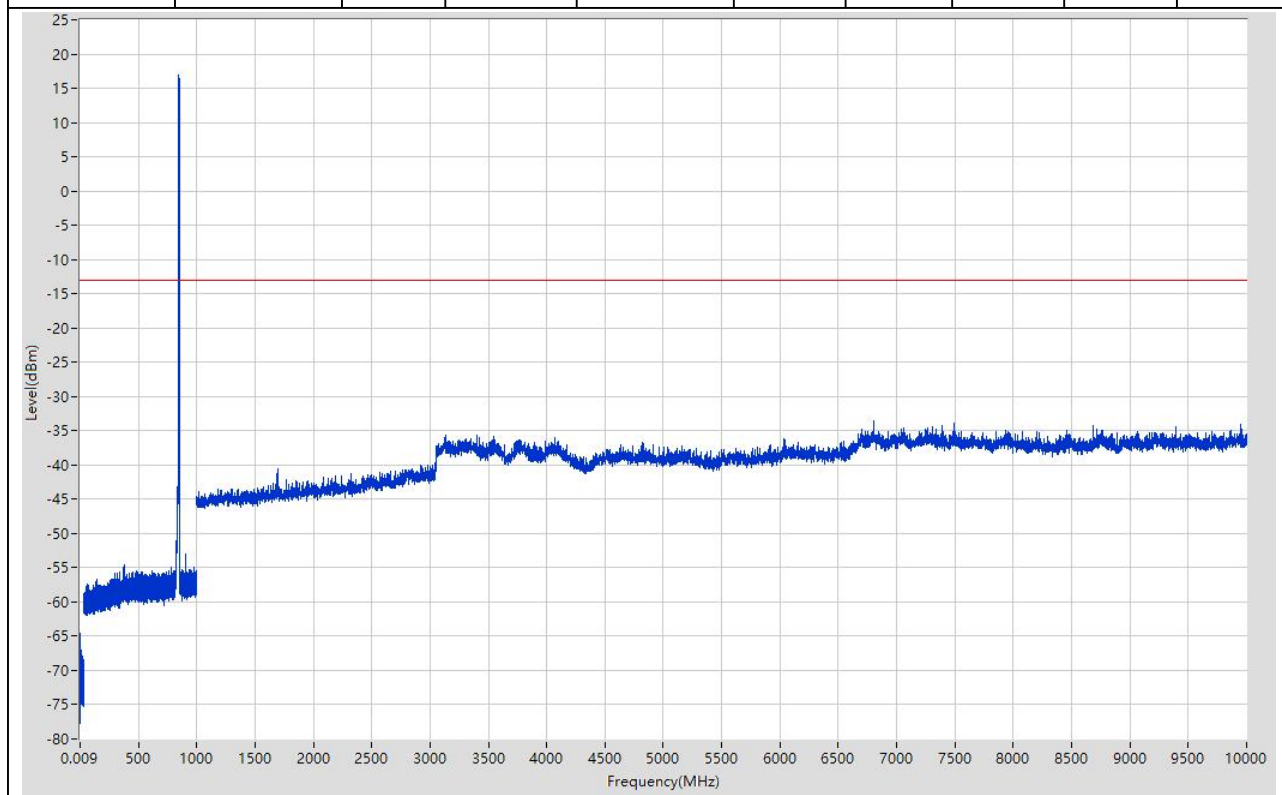
3.2 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:4182)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.009	-66.67	-13	53.67	Pass	141
0.15	30	0.01	Peak	0.23	-65.62	-13	52.62	Pass	2986
30	500	0.1	Peak	396.6	-55.33	-13	42.33	Pass	4701
500	1000	0.1	Peak	836.7	17.45	-13	-30.45	N/A	5001
1000	10000	1	Peak	7035	-34.36	-13	21.36	Pass	9002



3.3 WCDMA Spurious Emission at Antenna Terminals_Part22-24-27(Channel:4233)(NTNV)

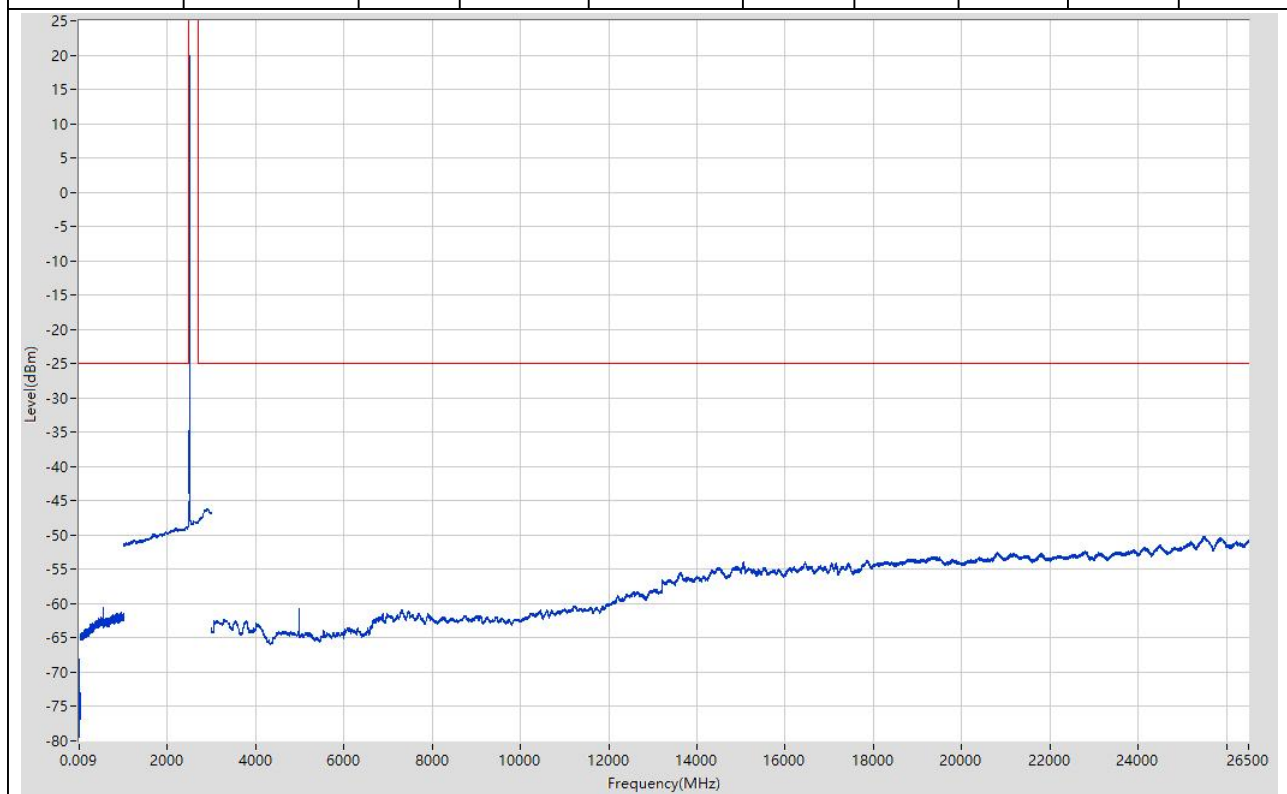
Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	Peak	0.013	-64.6	-13	51.6	Pass	141
0.15	30	0.01	Peak	0.43	-65.01	-13	52.01	Pass	2986
30	500	0.1	Peak	377.6	-54.64	-13	41.64	Pass	4701
500	1000	0.1	Peak	845	16.97	-13	-29.97	N/A	5001
1000	10000	1	Peak	6801	-33.5	-13	20.5	Pass	9002



1. LTE_Band41 full

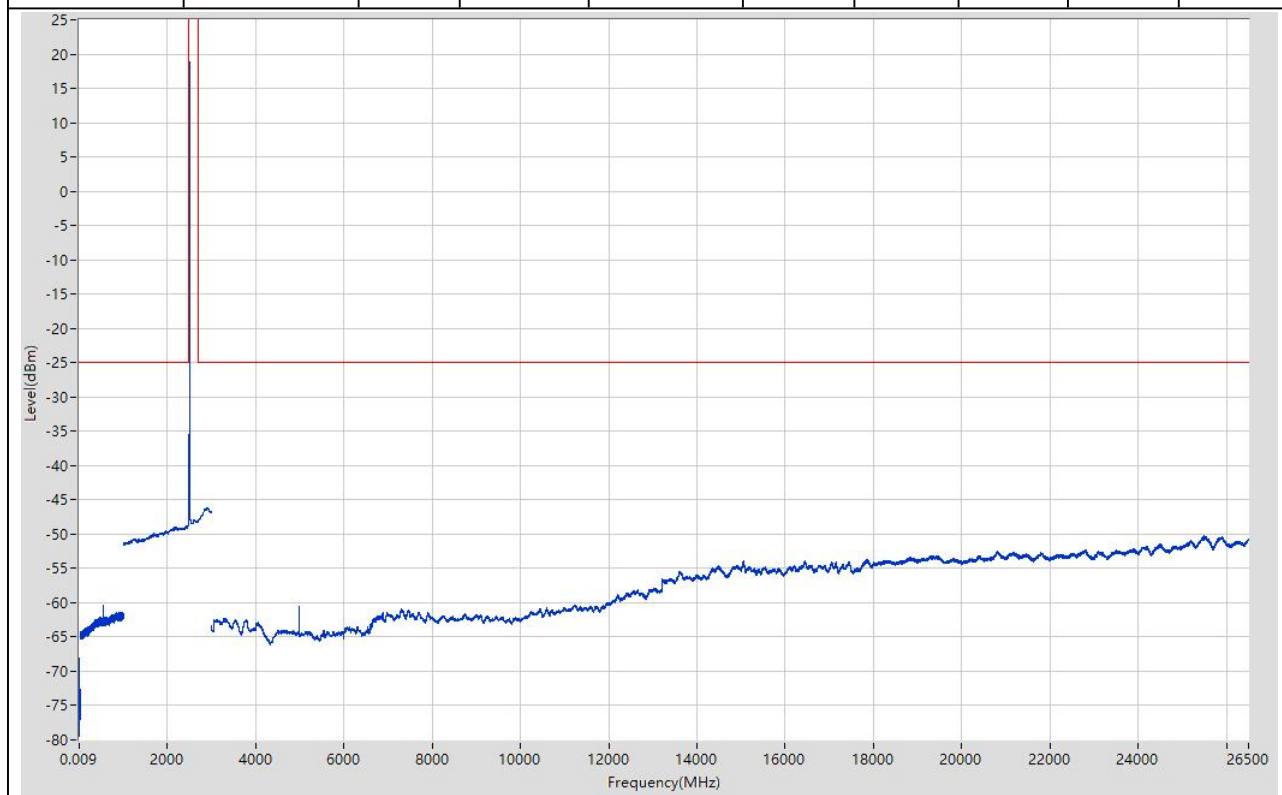
1.1 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:1, Channel:39675, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.073	-68.96	-25	43.96	Pass	141
0.15	30	0.01	RMS	0.16	-68.07	-25	43.07	Pass	2986
30	1000	0.1	RMS	535.6	-60.47	-25	35.47	Pass	9701
1000	2486	1	RMS	2485	-45.11	-25	20.11	Pass	1487
2486	2700	1	RMS	2496	19.95	60	40.05	Pass	215
2700	3000	1	RMS	2904	-46.22	-25	21.22	Pass	301
3000	12000	1	RMS	11958	-59.99	-25	34.99	Pass	9002
12000	26500	1	RMS	25501	-50.16	-25	25.16	Pass	14502



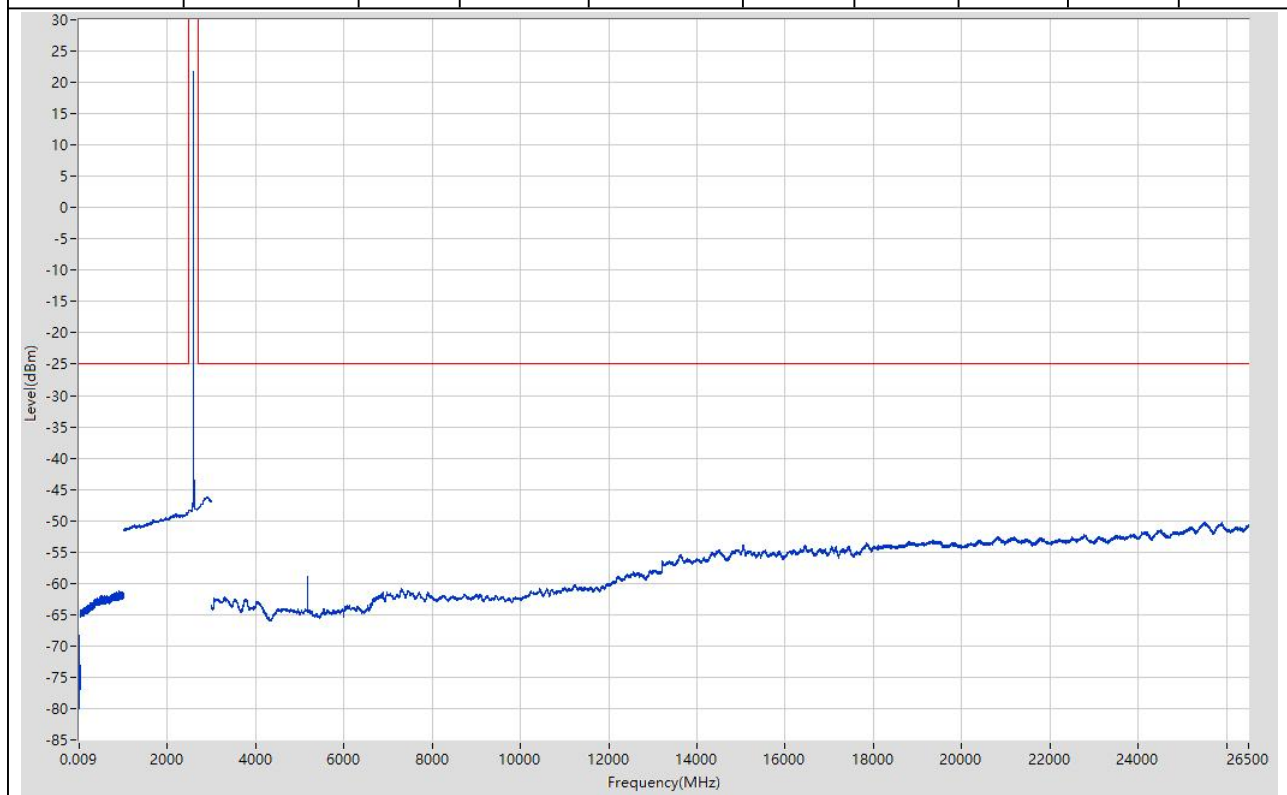
1.2 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:2, Channel:39675, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.013	-68.9	-25	43.9	Pass	141
0.15	30	0.01	RMS	0.15	-68	-25	43	Pass	2986
30	1000	0.1	RMS	535.6	-60.32	-25	35.32	Pass	9701
1000	2486	1	RMS	2486	-43.87	-25	18.87	Pass	1487
2486	2700	1	RMS	2495	18.88	60	41.12	Pass	215
2700	3000	1	RMS	2901	-46.17	-25	21.17	Pass	301
3000	12000	1	RMS	11949	-60.05	-25	35.05	Pass	9002
12000	26500	1	RMS	25495	-50.21	-25	25.21	Pass	14502



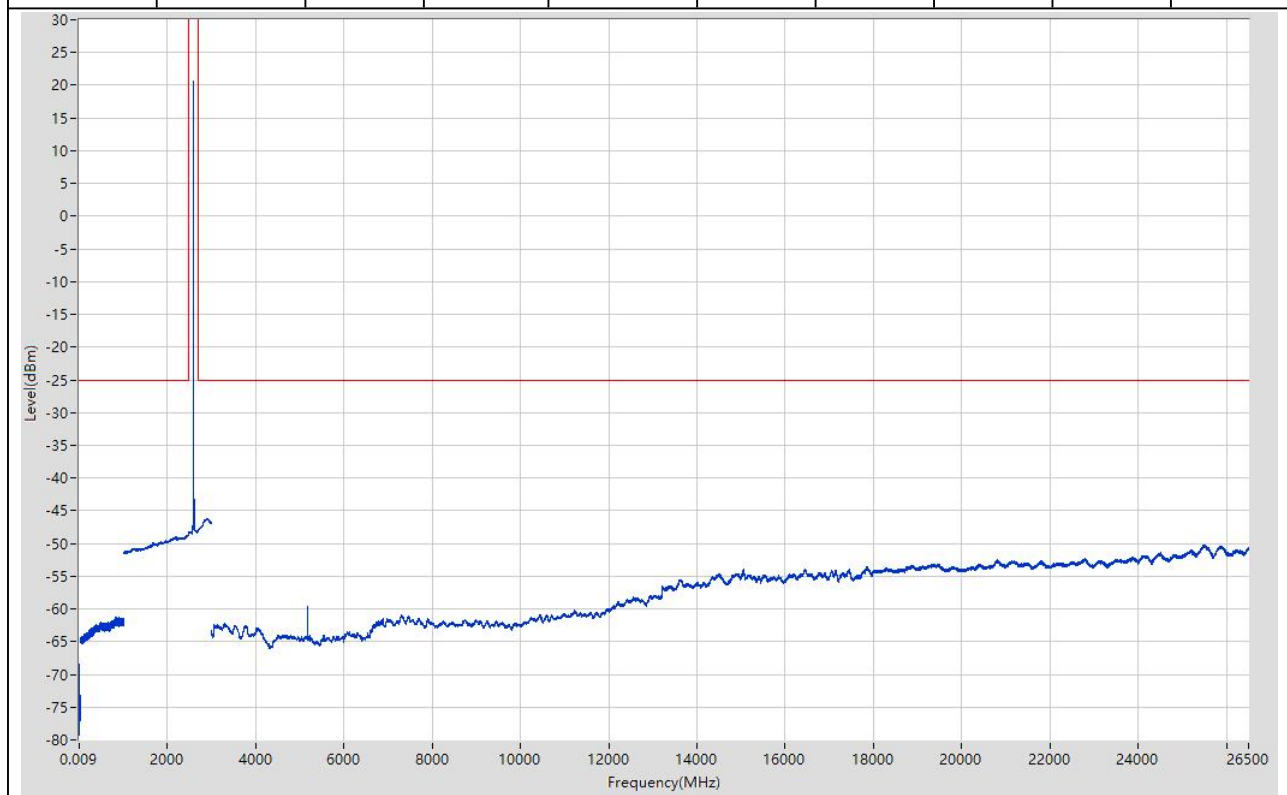
1.3 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:3, Channel:40620, Bandwidth:5, Modulation:QPSK, RB Number:1, RB Position:0)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-69.25	-25	44.25	Pass	141
0.15	30	0.01	RMS	0.23	-68.25	-25	43.25	Pass	2986
30	1000	0.1	RMS	898.933	-61.26	-25	36.26	Pass	9701
1000	2486	1	RMS	2483	-48.36	-25	23.36	Pass	1487
2486	2700	1	RMS	2590	21.68	60	38.32	Pass	215
2700	3000	1	RMS	2900	-46.16	-25	21.16	Pass	301
3000	12000	1	RMS	5182	-58.97	-25	33.97	Pass	9002
12000	26500	1	RMS	25502	-50.18	-25	25.18	Pass	14502



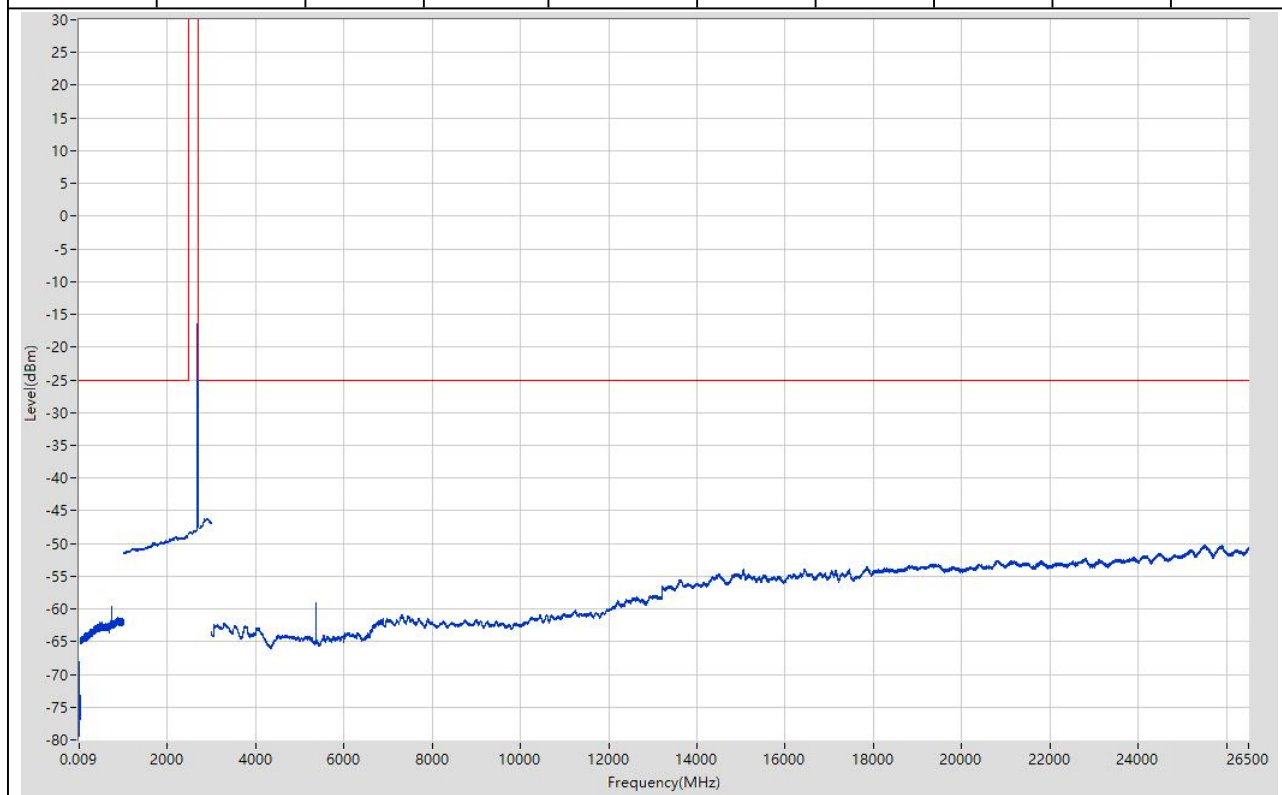
1.4 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:4, Channel:40620, Bandwidth:5, Modulation:16QAM, RB Number:1, RB Position:0)(NTNV)

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.073	-69.04	-25	44.04	Pass	141
0.15	30	0.01	RMS	0.27	-68.45	-25	43.45	Pass	2986
30	1000	0.1	RMS	850.501	-61.25	-25	36.25	Pass	9701
1000	2486	1	RMS	2485	-48.29	-25	23.29	Pass	1487
2486	2700	1	RMS	2590	20.62	60	39.38	Pass	215
2700	3000	1	RMS	2900	-46.16	-25	21.16	Pass	301
3000	12000	1	RMS	5182	-59.68	-25	34.68	Pass	9002
12000	26500	1	RMS	25504	-50.18	-25	25.18	Pass	14502



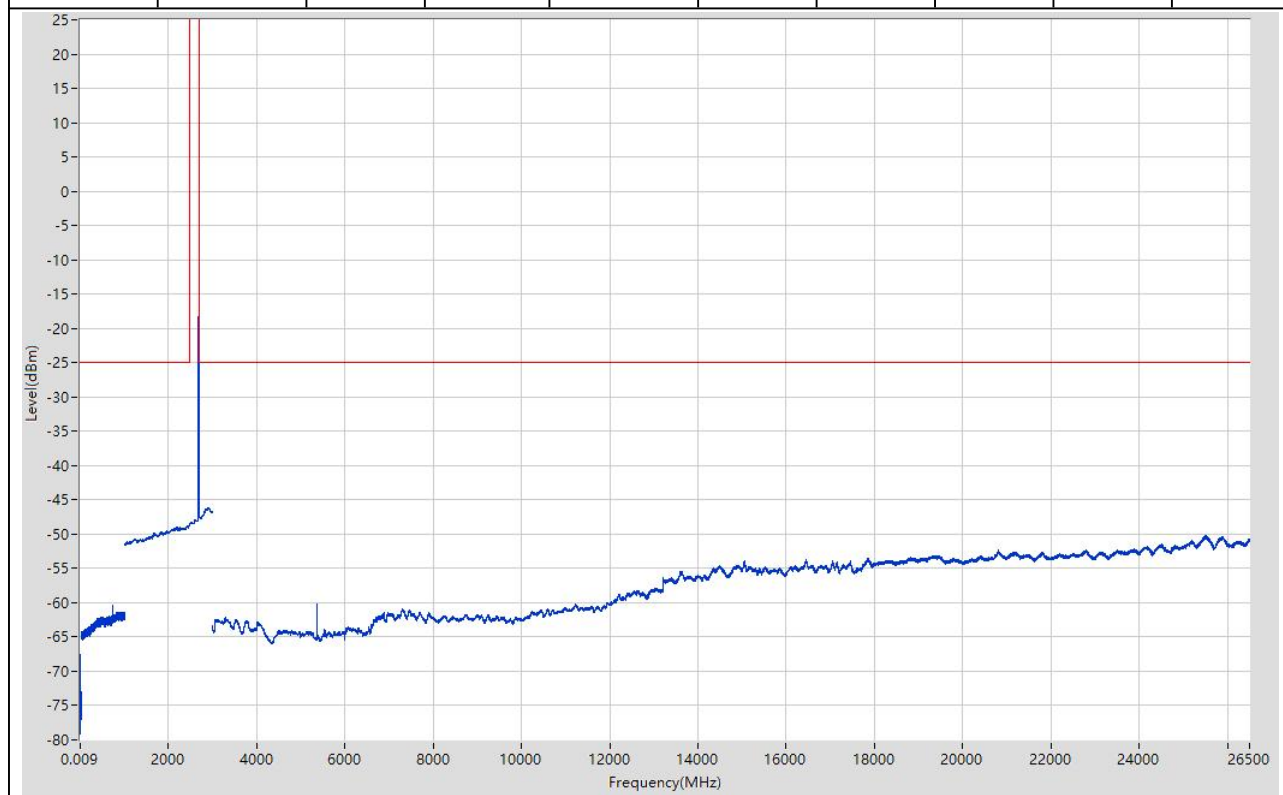
**1.5 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:5,
Channel:41565, Bandwidth:5, Modulation:QPSK, RB Number:1, RB
Position:0)(NTNV)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.073	-69.73	-25	44.73	Pass	141
0.15	30	0.01	RMS	0.15	-68.06	-25	43.06	Pass	2986
30	1000	0.1	RMS	724.6	-59.6	-25	34.6	Pass	9701
1000	2486	1	RMS	2474	-48.36	-25	23.36	Pass	1487
2486	2700	1	RMS	2685	20.15	60	39.85	Pass	215
2700	3000	1	RMS	2900	-46.17	-25	21.17	Pass	301
3000	12000	1	RMS	5371	-59.05	-25	34.05	Pass	9002
12000	26500	1	RMS	25497	-50.17	-25	25.17	Pass	14502



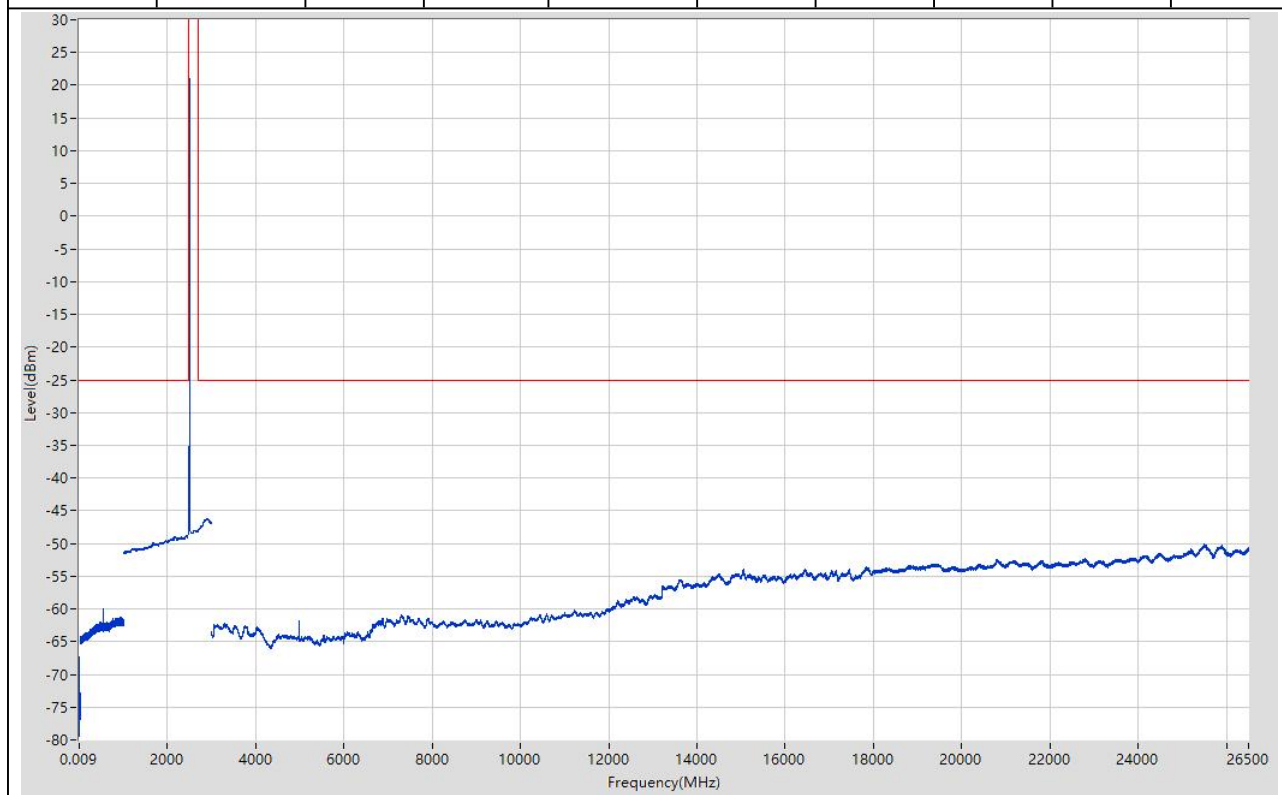
**1.6 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:6,
Channel:41565, Bandwidth:5, Modulation:16QAM, RB Number:1, RB
Position:0)(NTNV)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.073	-69.16	-25	44.16	Pass	141
0.15	30	0.01	RMS	0.15	-67.56	-25	42.56	Pass	2986
30	1000	0.1	RMS	724.6	-60.36	-25	35.36	Pass	9701
1000	2486	1	RMS	2481	-48.42	-25	23.42	Pass	1487
2486	2700	1	RMS	2685	19.39	60	40.61	Pass	215
2700	3000	1	RMS	2900	-46.17	-25	21.17	Pass	301
3000	12000	1	RMS	11956	-60	-25	35	Pass	9002
12000	26500	1	RMS	25513	-50.23	-25	25.23	Pass	14502



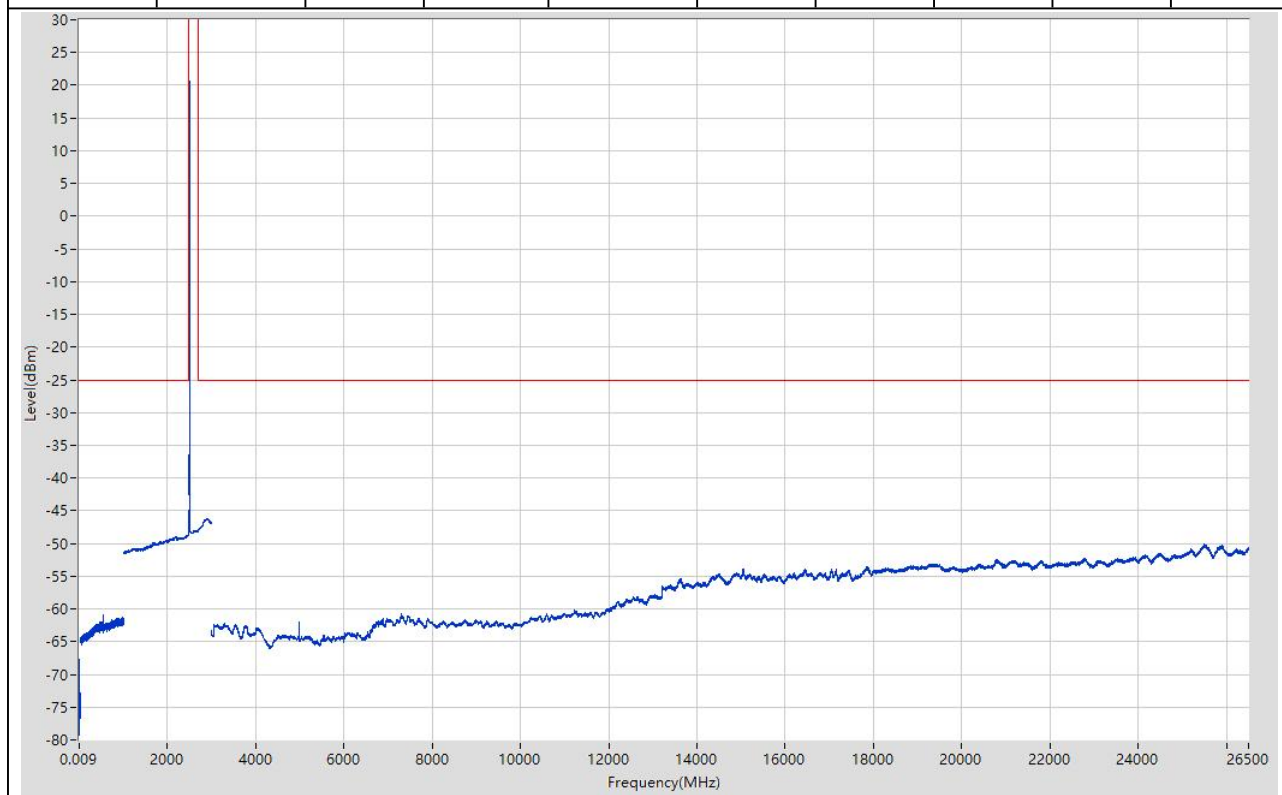
**1.7 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:7,
Channel:39700, Bandwidth:10, Modulation:QPSK, RB Number:1, RB
Position:0)(NTNV)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.009	-70.05	-25	45.05	Pass	141
0.15	30	0.01	RMS	0.15	-67.31	-25	42.31	Pass	2986
30	1000	0.1	RMS	535.9	-60.07	-25	35.07	Pass	9701
1000	2486	1	RMS	2486	-40.73	-25	15.73	Pass	1487
2486	2700	1	RMS	2496	21.07	60	38.93	Pass	215
2700	3000	1	RMS	2901	-46.18	-25	21.18	Pass	301
3000	12000	1	RMS	11966	-60	-25	35	Pass	9002
12000	26500	1	RMS	25499	-50.1	-25	25.1	Pass	14502



**1.8 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:8,
Channel:39700, Bandwidth:10, Modulation:16QAM, RB Number:1, RB
Position:0)(NTNV)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.073	-69.1	-25	44.1	Pass	141
0.15	30	0.01	RMS	0.15	-67.71	-25	42.71	Pass	2986
30	1000	0.1	RMS	535.9	-60.94	-25	35.94	Pass	9701
1000	2486	1	RMS	2485	-44.92	-25	19.92	Pass	1487
2486	2700	1	RMS	2496	20.68	60	39.32	Pass	215
2700	3000	1	RMS	2901	-46.16	-25	21.16	Pass	301
3000	12000	1	RMS	11958	-59.99	-25	34.99	Pass	9002
12000	26500	1	RMS	25501	-50.13	-25	25.13	Pass	14502



**1.9 LTE Spurious Emission at Antenna Terminals_Part22-24-27(Subtest:9,
Channel:40620, Bandwidth:10, Modulation:QPSK, RB Number:1, RB
Position:0)(NTNV)**

Start Frequency (MHz)	Stop Frequency (MHz)	RBW (MHz)	Detector	Frequency (MHz)	Power (dBm)	Limit (dBm)	Margin (dB)	Verdict	Sweep Point
0.009	0.15	0.001	RMS	0.011	-69.17	-25	44.17	Pass	141
0.15	30	0.01	RMS	0.18	-68.25	-25	43.25	Pass	2986
30	1000	0.1	RMS	875.618	-61.24	-25	36.24	Pass	9701
1000	2486	1	RMS	2481	-48.32	-25	23.32	Pass	1487
2486	2700	1	RMS	2588	21.03	60	38.97	Pass	215
2700	3000	1	RMS	2900	-46.17	-25	21.17	Pass	301
3000	12000	1	RMS	11967	-60.02	-25	35.02	Pass	9002
12000	26500	1	RMS	25501	-50.07	-25	25.07	Pass	14502

