

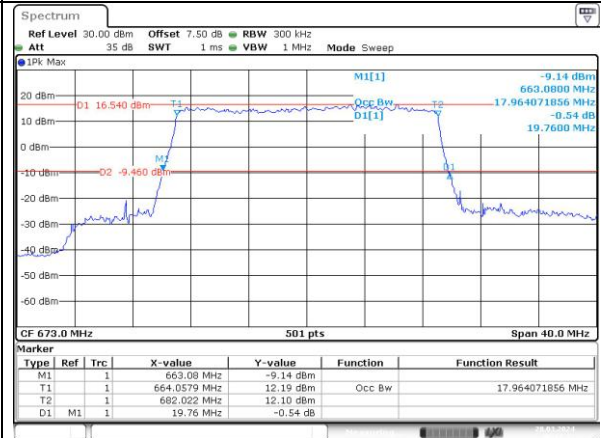
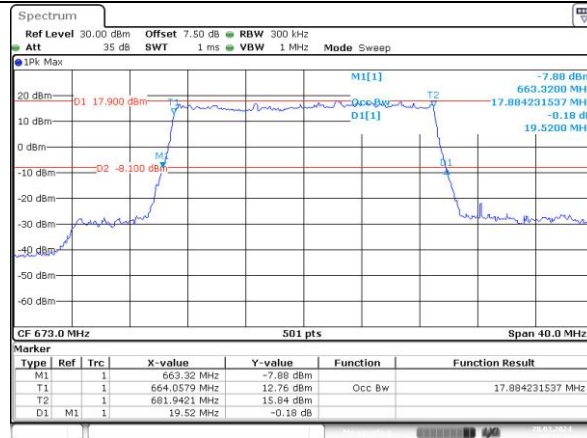
Occupied Bandwidth

Channel

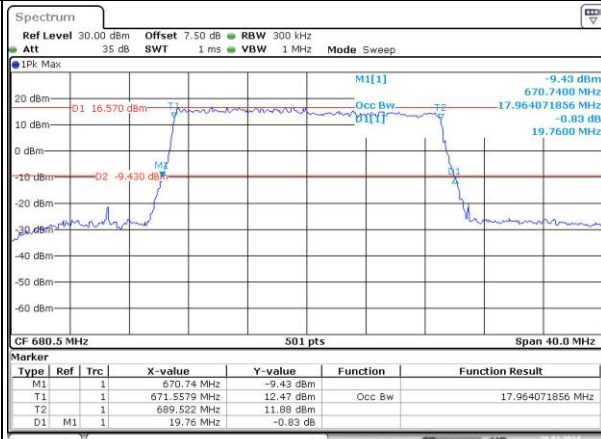
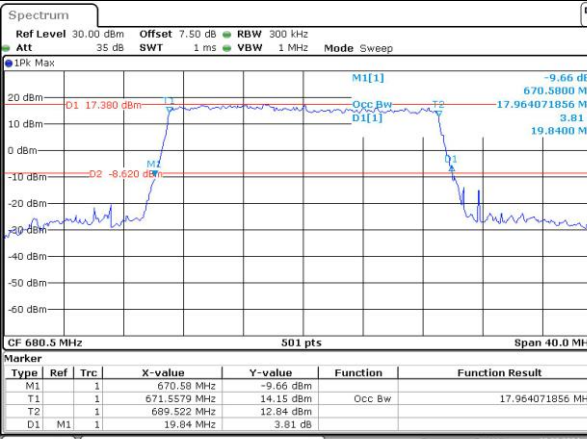
20MHz Bandwidth QPSK

20MHz Bandwidth 16QAM

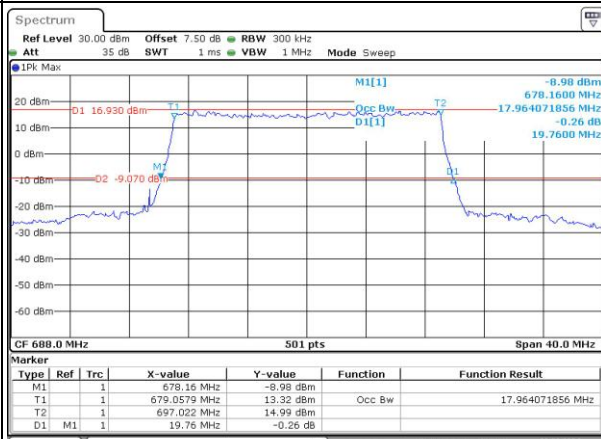
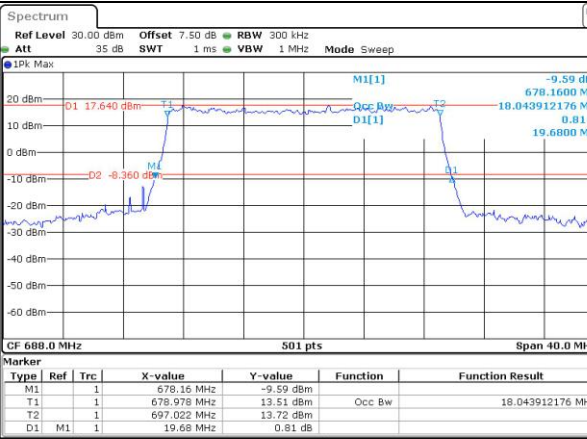
Lowest



Middle



Highest

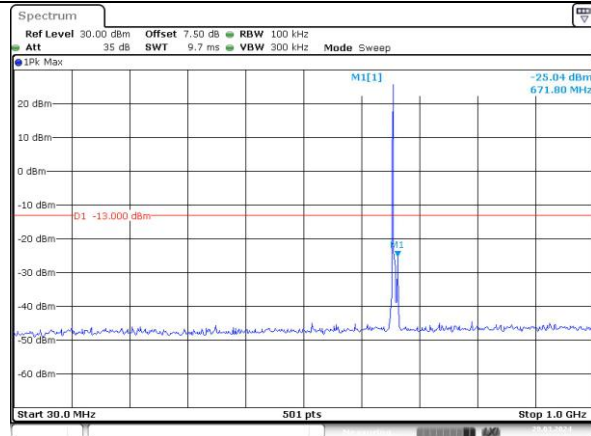


Spurious Emissions at Antenna Terminal

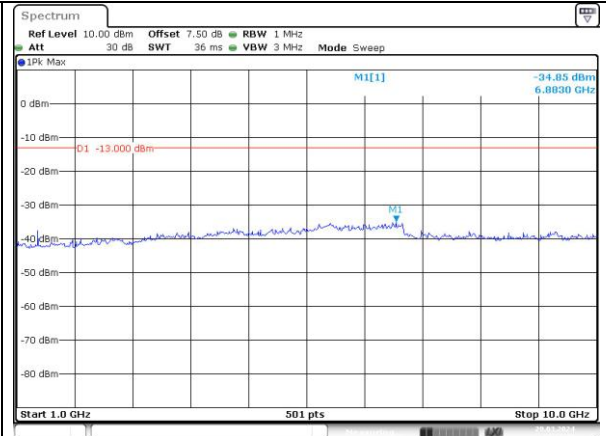
Channel

5MHz Bandwidth QPSK

Lowest

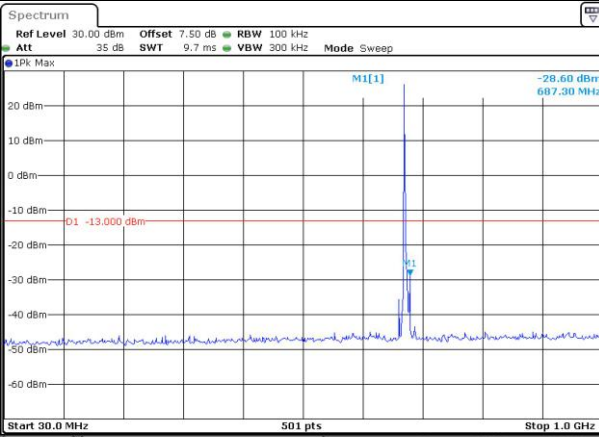


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:12:02

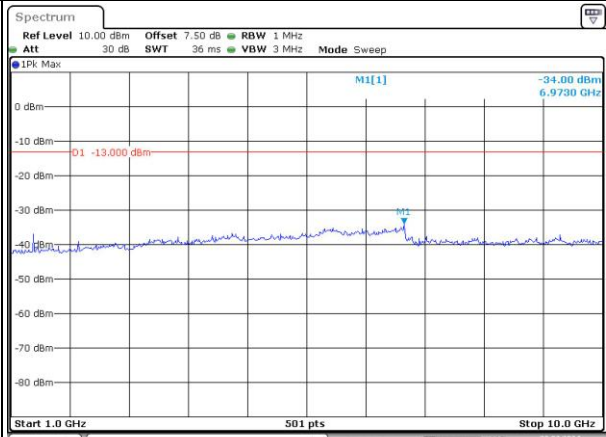


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:12:30

Middle

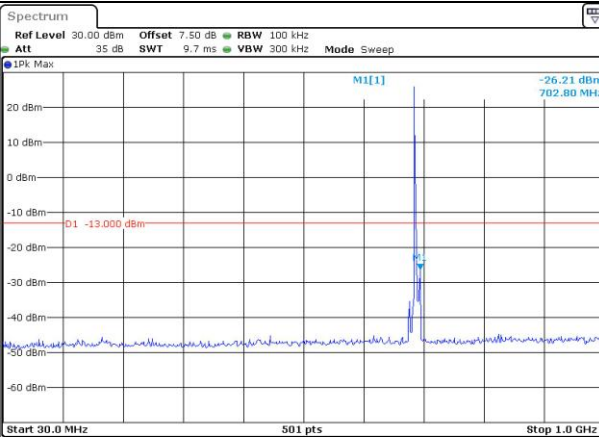


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:13:05

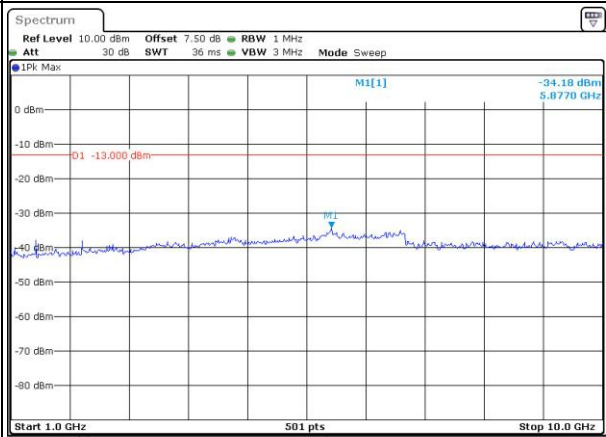


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:13:43

Highest



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:14:21



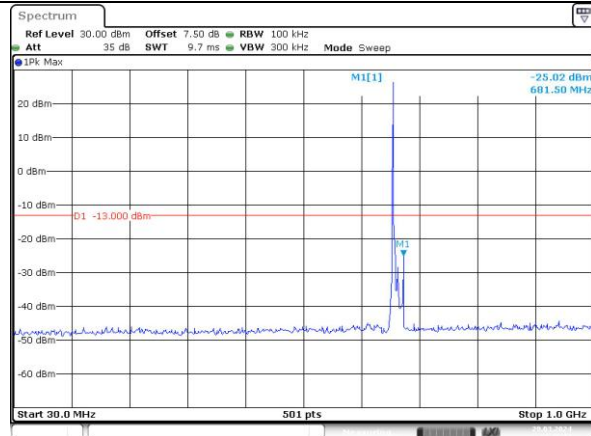
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Date: 29.MAR.2024 13:14:46

Spurious Emissions at Antenna Terminal

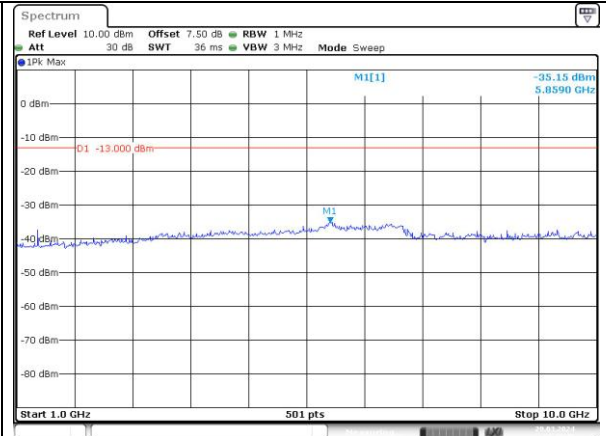
Channel

10MHz Bandwidth QPSK

Lowest

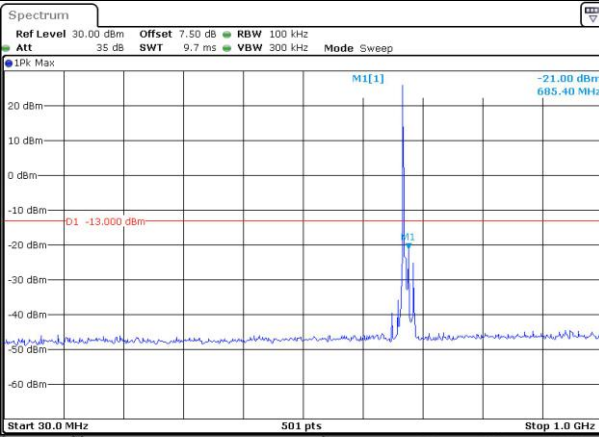


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:16:17

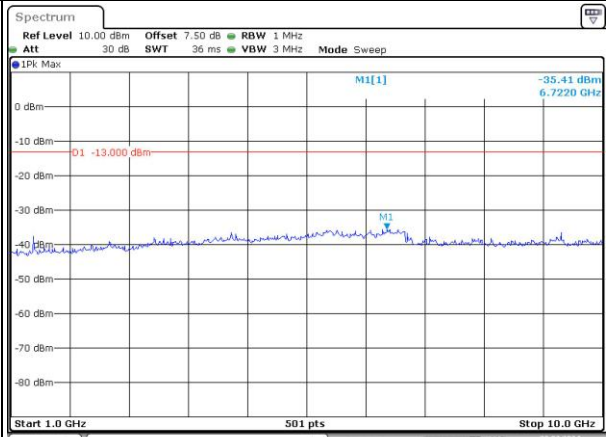


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:16:45

Middle

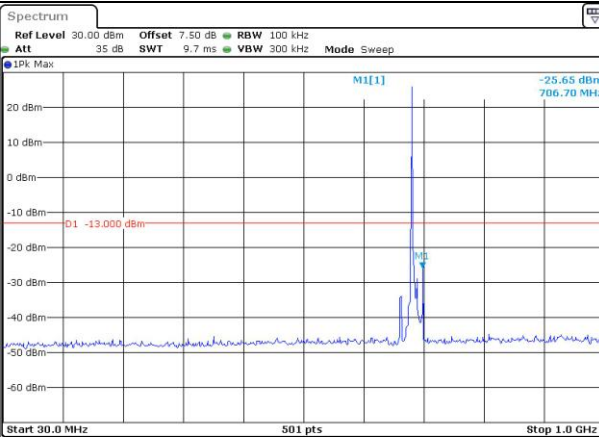


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:17:40

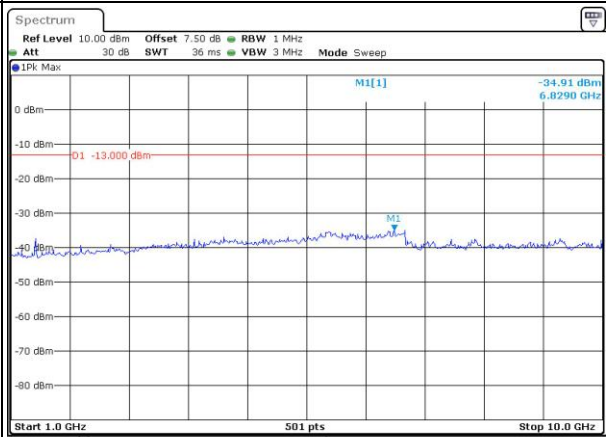


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:17:59

Highest



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:18:41



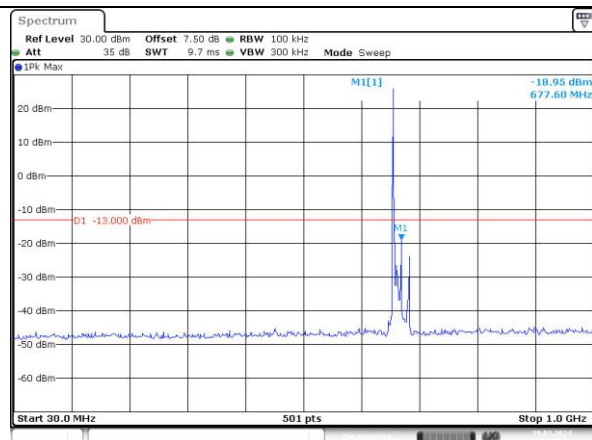
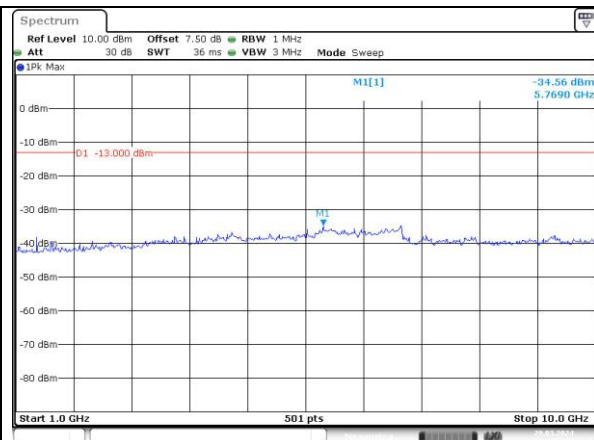
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Date: 29.MAR.2024 13:19:03

Spurious Emissions at Antenna Terminal

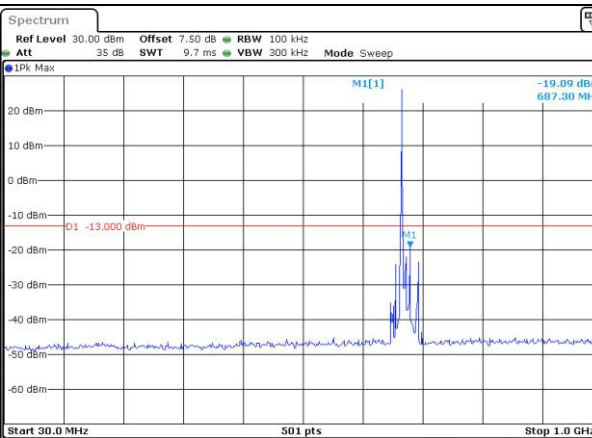
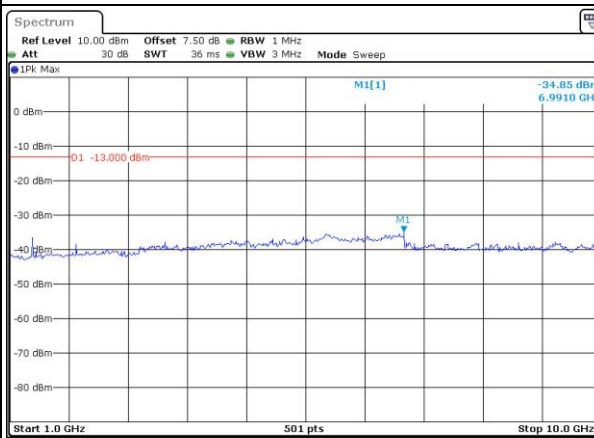
Channel

15MHz Bandwidth QPSK

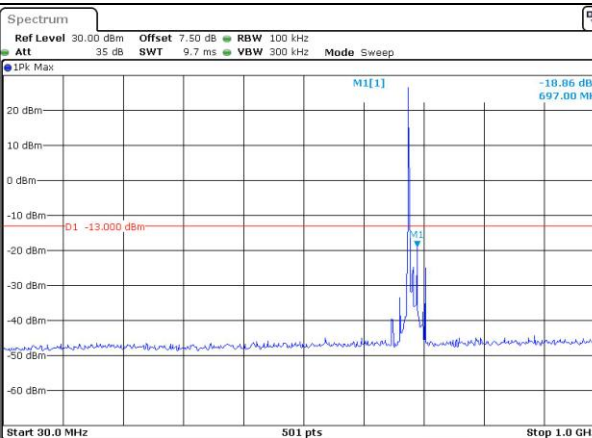
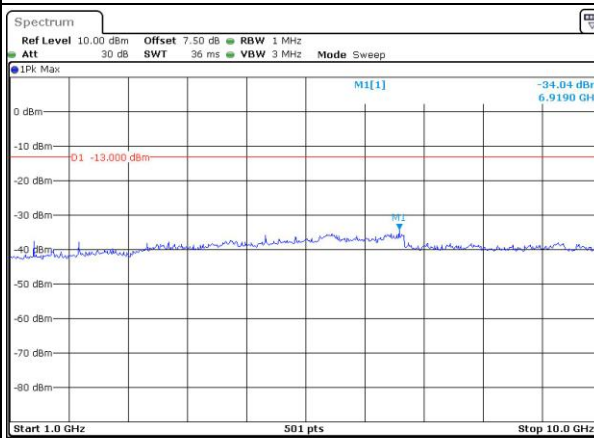
Lowest

ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:21:08ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:21:27

Middle

ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:22:10ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:22:31

Highest

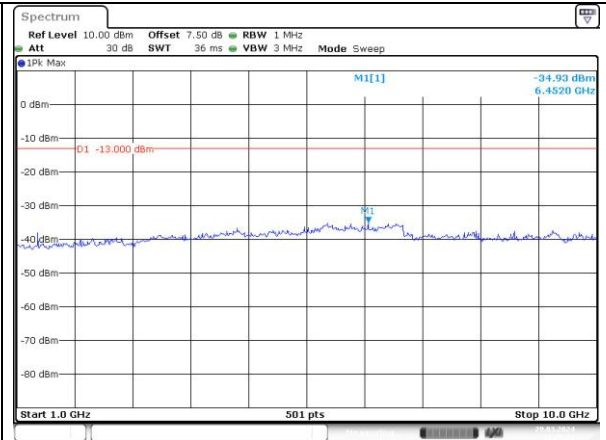
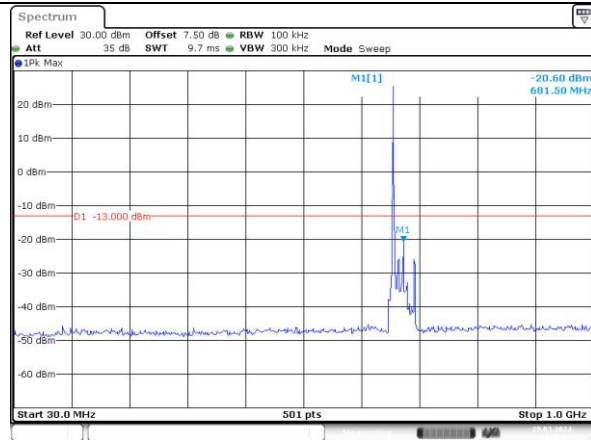
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Date: 29.MAR.2024 13:23:19ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 13:23:41

Spurious Emissions at Antenna Terminal

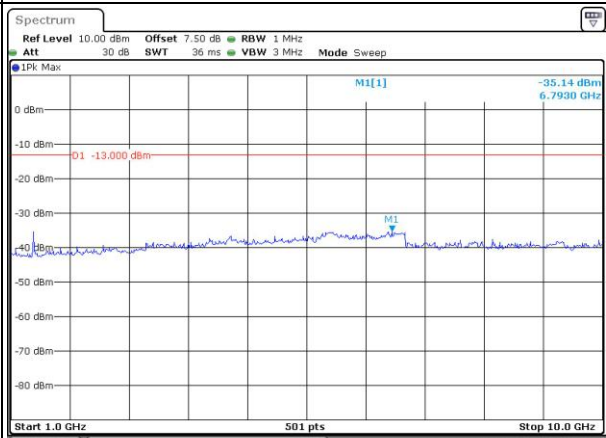
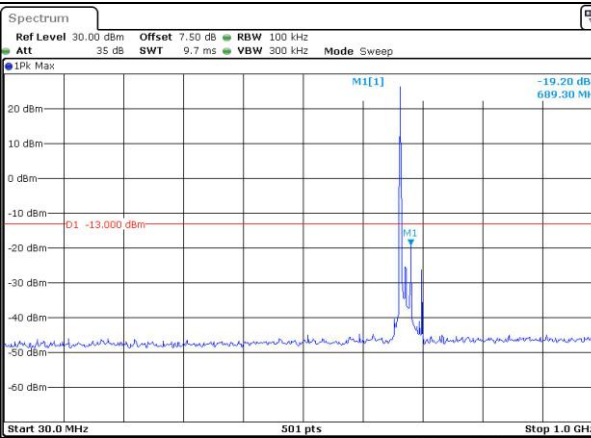
Channel

20MHz Bandwidth QPSK

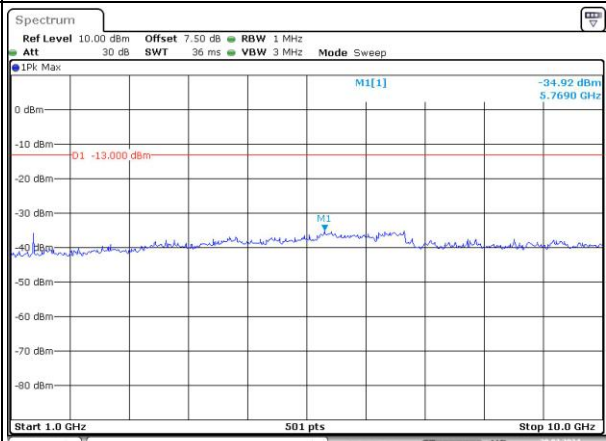
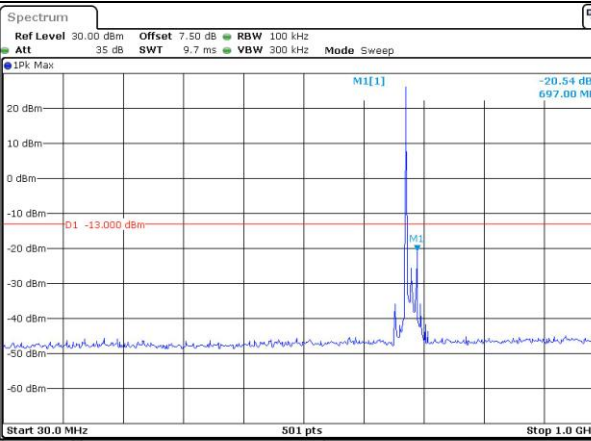
Lowest



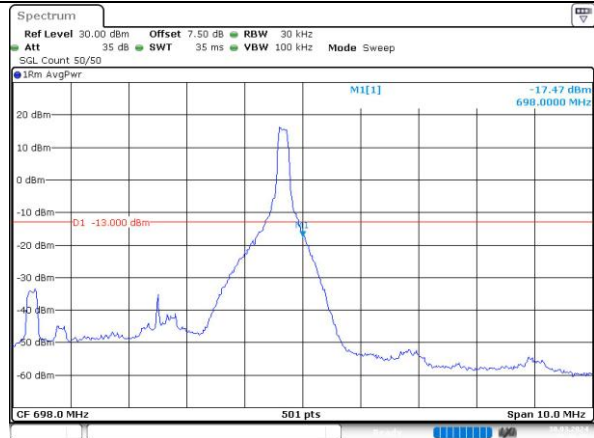
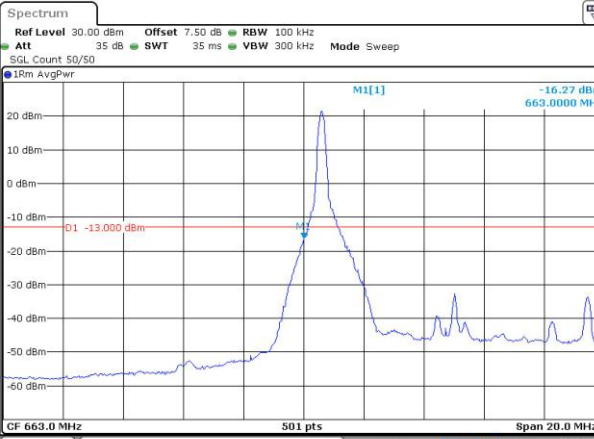
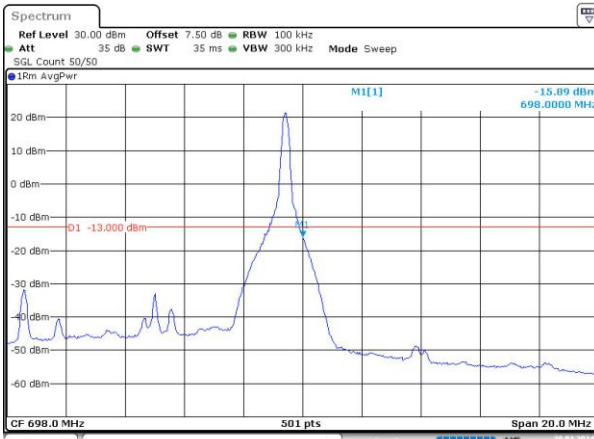
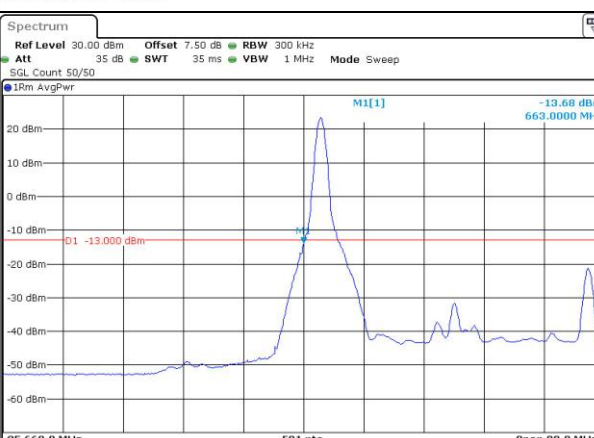
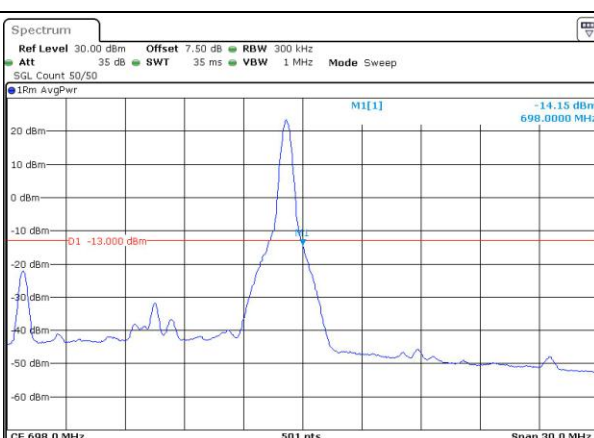
Middle

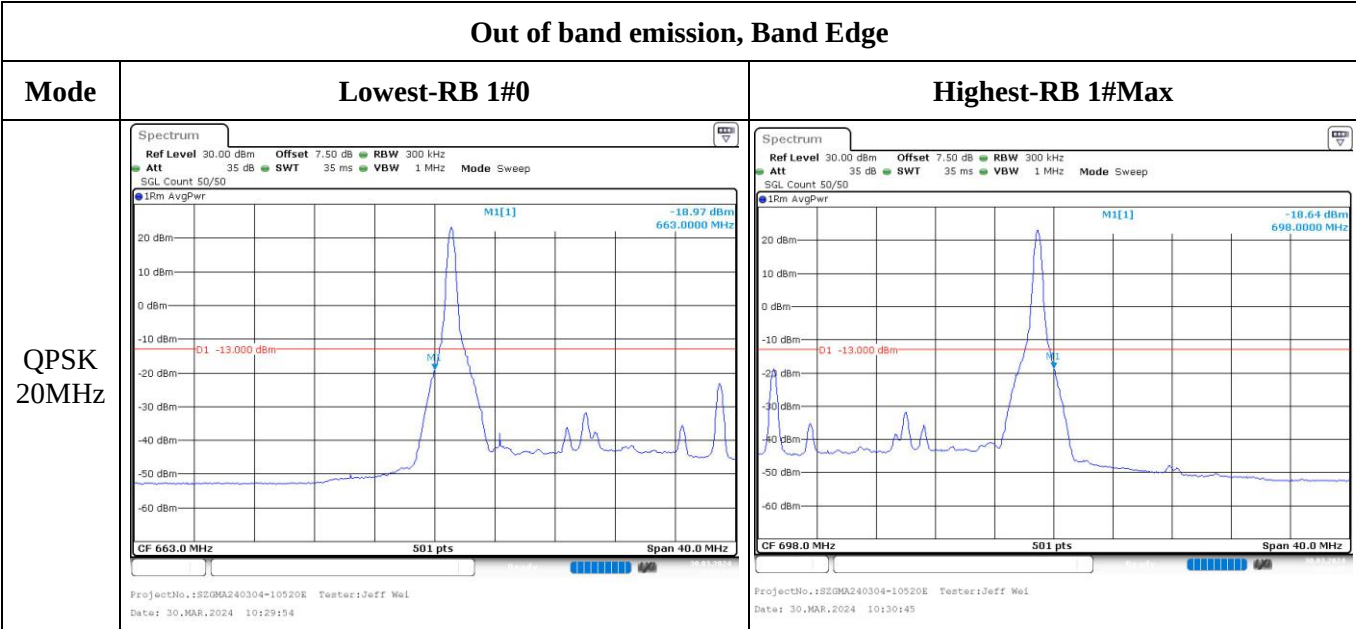


Highest

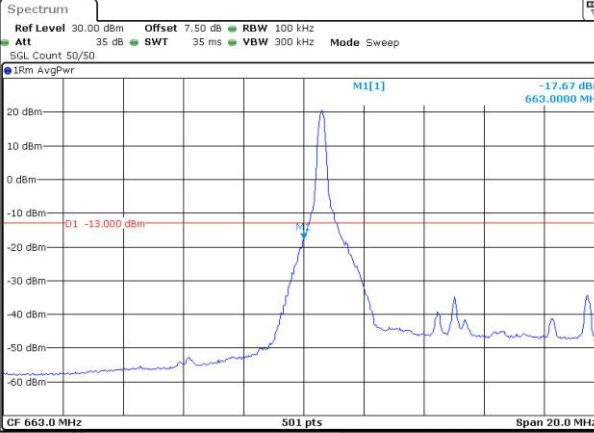
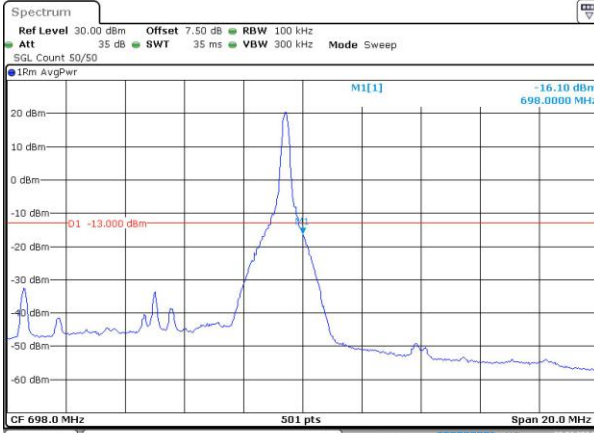
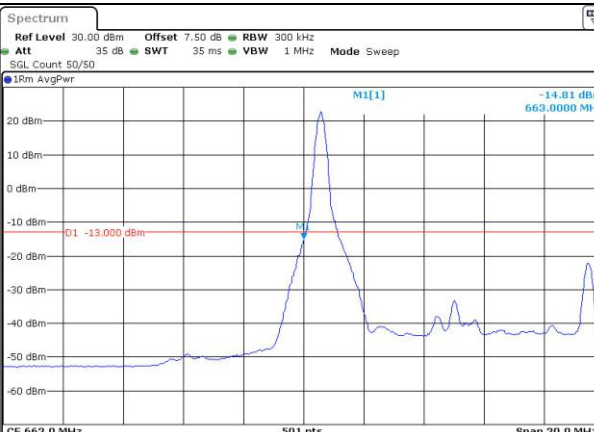
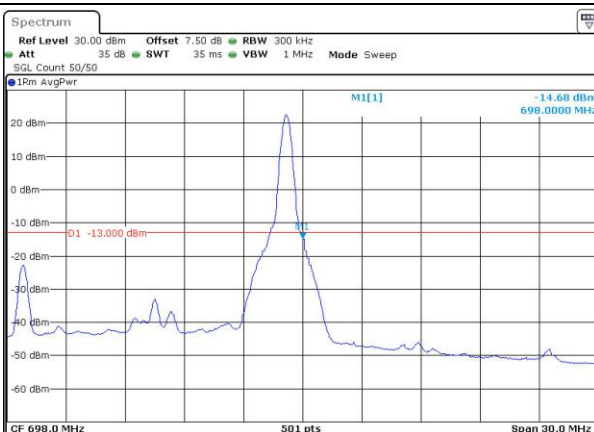


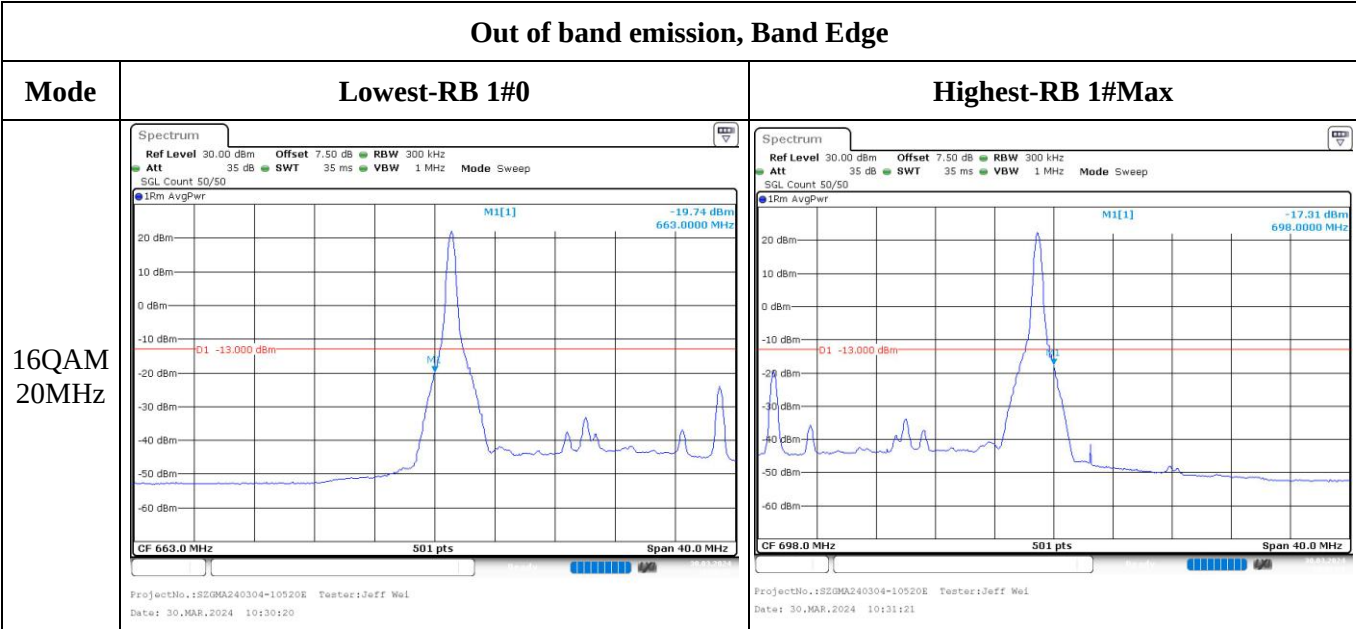
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
QPSK 5MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.25 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:21:35	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -17.47 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:40:59
QPSK 10MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.27 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:26:08	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -15.89 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:27:04
QPSK 15MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -13.68 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:27:54	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -14.15 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:28:53

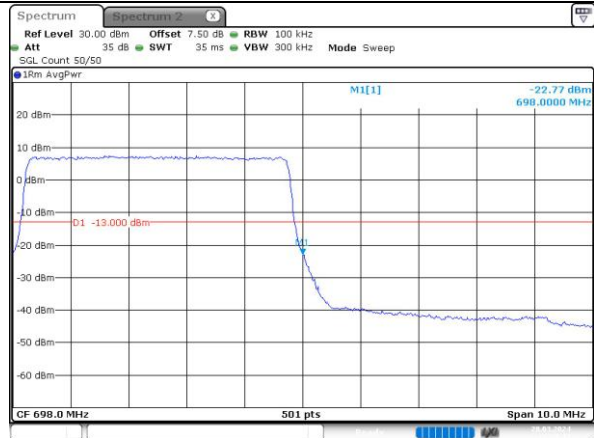
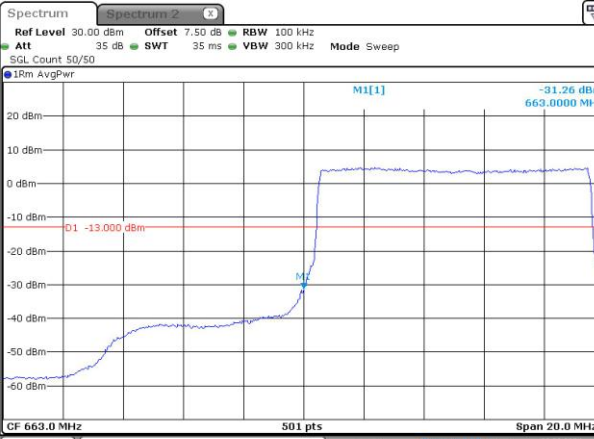
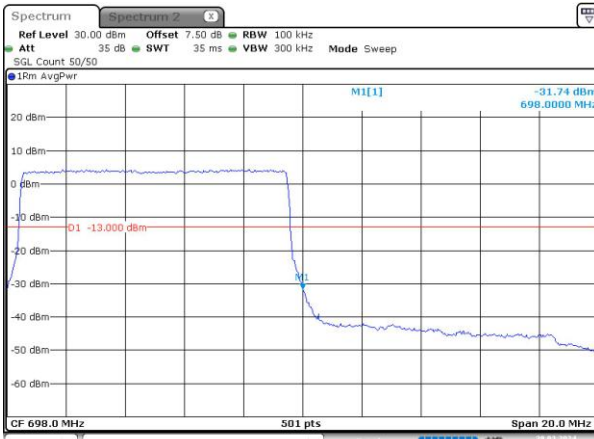
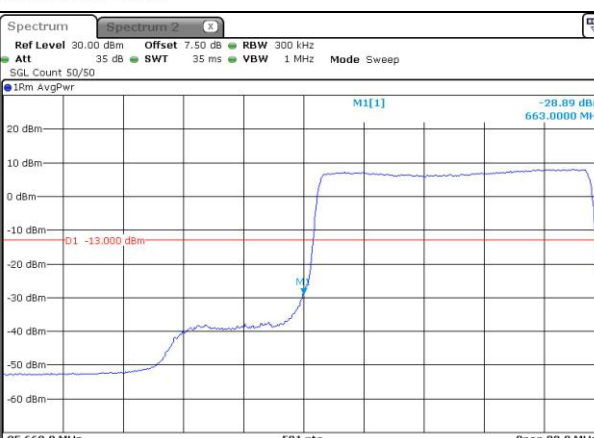
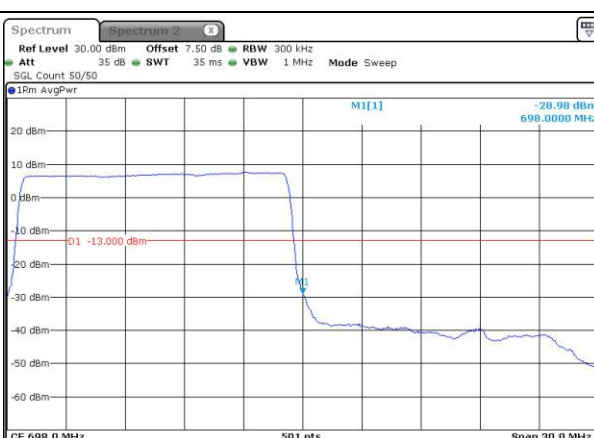


Out of band emission, Band Edge

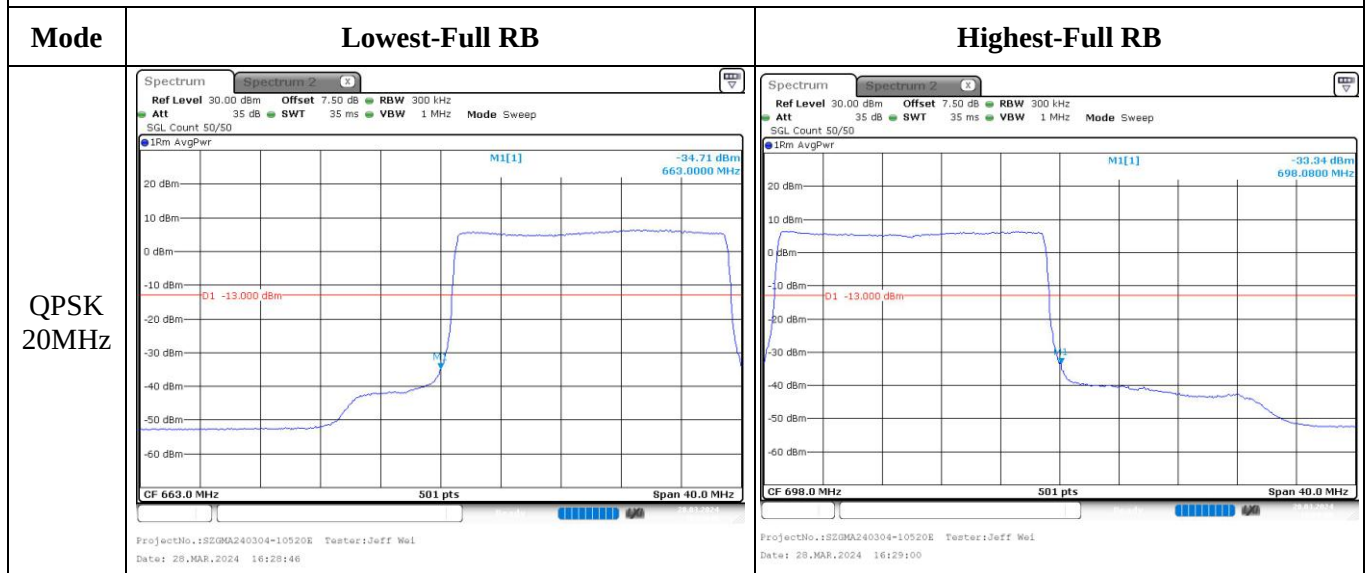
Mode	Lowest-RB 1#0	Highest-RB 1#Max
16QAM 5MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.70 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:23:02	 Ref Level 30.00 dBm Offset 7.50 dB RBW 30 kHz Att 35 dB SWT 35 ms VBW 100 kHz Mode Auto Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.14 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:24:45
16QAM 10MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -17.67 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:26:40	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -16.10 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:27:26
16QAM 15MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -14.81 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:28:27	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -14.60 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 10:29:28



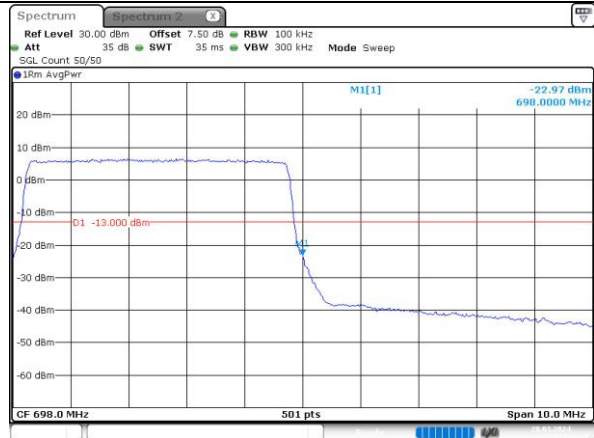
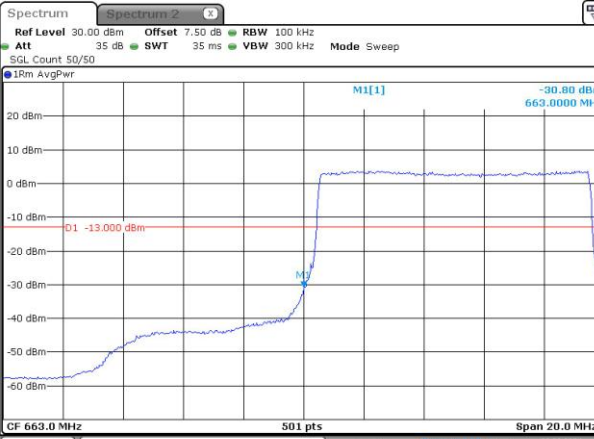
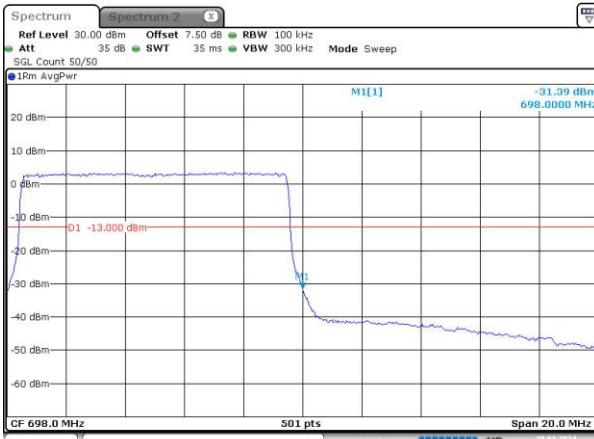
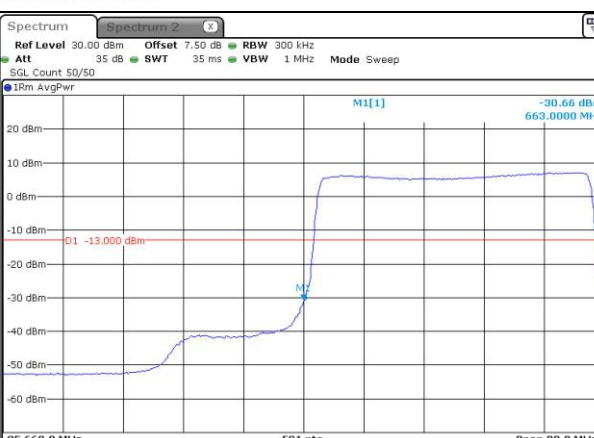
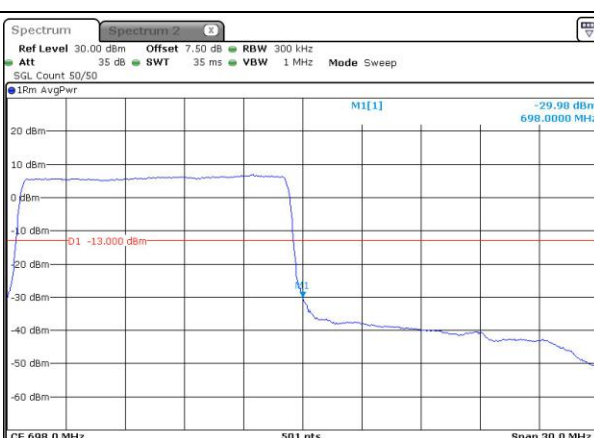
Out of band emission, Band Edge

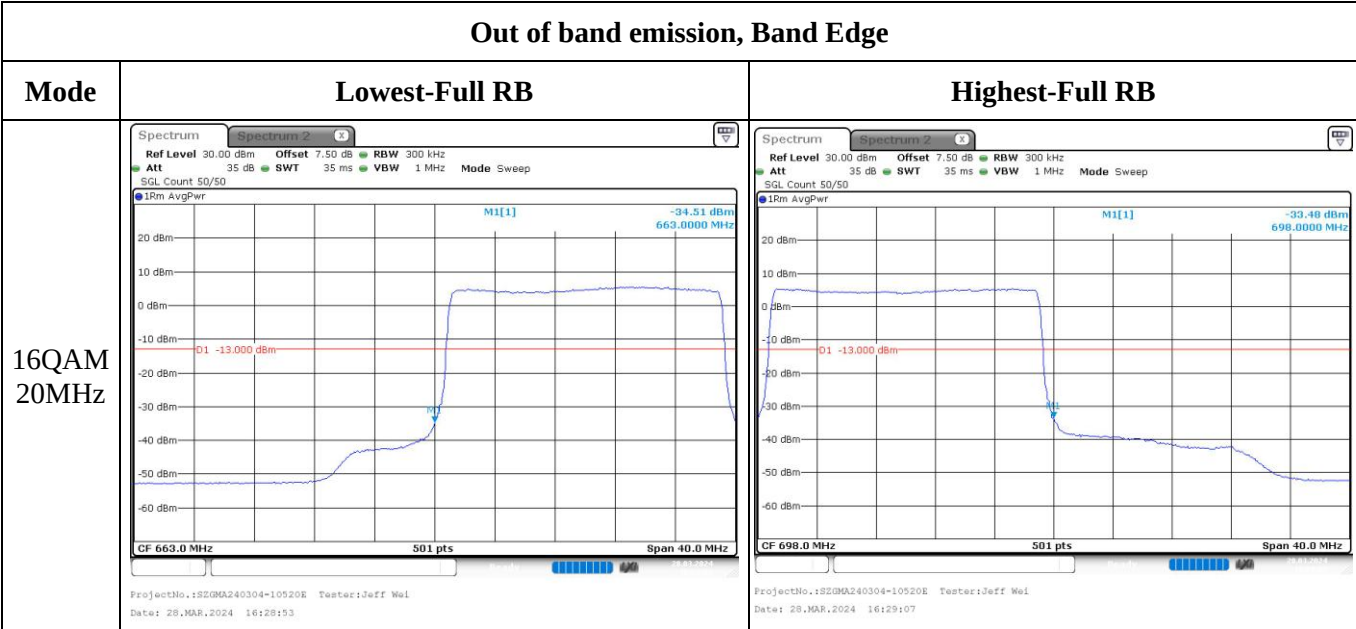
Mode	Lowest-Full RB	Highest-Full RB
QPSK 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:24:05	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:24:18
QPSK 10MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:25:43	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:25:57
QPSK 15MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:27:31	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:27:46

Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest-Full RB	Highest-Full RB
16QAM 5MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -23.06 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:24:11	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -22.97 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 10.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:24:24
16QAM 10MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -30.80 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:25:49	 Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -31.39 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 20.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:26:04
16QAM 15MHz	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -30.66 dBm 663.0000 MHz D1 -13.000 dBm CF 663.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:27:38	 Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr MI[1] -29.98 dBm 698.0000 MHz D1 -13.000 dBm CF 698.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 16:27:52



5.16 Radiated Spurious Emissions

Serial Number:	2145-1	Test Date:	Below 1GHz: 2024/4/15 Above 1GHz: 2024/3/24
Test Site:	Chamber A, Chamber B	Test Mode:	Transmitting
Tester:	Joe Li,Bill Yang	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.1~26.1	Relative Humidity: (%)	50~60	ATM Pressure: (kPa)	100.5~101.4
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
30MHz~1000MHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-3	2024/1/12	2027/1/11
Wilson	Attenuator	859936	F-08-EM014	2024/1/12	2027/1/11
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2023/7/1	2024/6/30
Sonoma	Amplifier	310N	372193	2023/7/1	2024/6/30
R&S	EMI Test Receiver	ESR3	102453	2023/8/18	2024/8/17
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-02	2023/9/4	2024/9/3
Agilent	Signal Generator	E8247C	MY43321350	2023/10/18	2024/10/17
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2023/10/18	2024/10/17
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17
E-Microwave	Band Rejection Filter	OBF-ZP-703-748-SMAF	OE01902425	2023/6/16	2024/6/15
E-Microwave	Band Rejection Filter	BSF-ZP-777-787-SMAF	OE01902430	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF824-862MS	1438001	2023/6/16	2024/6/15

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
AH	Horn Antenna	SAS-571	1177	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-03 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-02 1302	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2023/11/17	2024/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2023/12/11	2024/12/10
Micro-Coax	Coaxial Cable	UFA210B	99G1448	2023/9/9	2024/9/8
Agilent	Signal Generator	E8247C	MY43321350	2023/10/18	2024/10/17
AH	Preamplifier	PAM-0118P	469	2023/8/19	2024/8/18
AH	Preamplifier	PAM-1840VH	191	2023/9/7	2024/9/6
R&S	Spectrum Analyzer	FSV40	101944	2023/10/18	2024/10/17
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2023/10/18	2024/10/17
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17
E-Microwave	Band Rejection Filter	OBF-ZP-703-748-SMAF	OE01902425	2023/6/16	2024/6/15
E-Microwave	Band Rejection Filter	BSF-ZP-777-787-SMAF	OE01902430	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF824-862MS	1438001	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF1710-1785MN	0383003	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF1850-1910MS	0935V2001	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF2500-2750MS	1439001	2023/6/16	2024/6/15
Mini-Circuits	High Pass Filter	VHF-650+	31052	2023/8/1	2024/7/31

* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).

Test Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

Cellular Band (30MHz-10GHz)

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBµV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 850 Frequency:824.2MHz								
71.06	H	43.57	-75.51	-4.47	0.11	-80.09	-13.00	67.09
78.05	V	43.34	-79.65	-0.98	0.10	-80.73	-13.00	67.73
1648.40	H	55.62	-62.49	10.44	0.71	-52.76	-13.00	39.76
1648.40	V	63.25	-55.46	10.44	0.71	-45.73	-13.00	32.73
2472.60	H	56.29	-59.79	12.88	1.25	-48.16	-13.00	35.16
2472.60	V	55.62	-60.52	12.88	1.25	-48.89	-13.00	35.89
3296.80	H	57.65	-55.32	13.60	1.59	-43.31	-13.00	30.31
3296.80	V	50.29	-62.68	13.60	1.59	-50.67	-13.00	37.67
GSM 850 Frequency:836.6MHz								
59.80	H	35.87	-77.07	-10.39	0.08	-87.54	-13.00	74.54
83.71	V	41.47	-80.53	0.00	0.10	-80.63	-13.00	67.63
1673.20	H	56.26	-61.48	10.61	0.73	-51.60	-13.00	38.60
1673.20	V	63.41	-54.93	10.61	0.73	-45.05	-13.00	32.05
2509.80	H	54.29	-61.98	13.11	1.25	-50.12	-13.00	37.12
2509.80	V	57.65	-58.65	13.11	1.25	-46.79	-13.00	33.79
3346.40	H	54.09	-58.76	13.83	1.61	-46.54	-13.00	33.54
3346.40	V	50.29	-62.61	13.83	1.61	-50.39	-13.00	37.39
GSM 850 Frequency:848.8MHz								
108.86	H	35.47	-75.56	0.00	0.13	-75.69	-13.00	62.69
91.37	V	38.45	-80.46	0.00	0.10	-80.56	-13.00	67.56
1697.60	H	57.41	-59.97	10.78	0.75	-49.94	-13.00	36.94
1697.60	V	64.20	-53.78	10.78	0.75	-43.75	-13.00	30.75
2546.40	H	57.84	-58.59	13.15	1.27	-46.71	-13.00	33.71
2546.40	V	59.26	-57.31	13.15	1.27	-45.43	-13.00	32.43
3395.20	H	55.68	-57.01	14.08	1.64	-44.57	-13.00	31.57
3395.20	V	50.49	-62.30	14.08	1.64	-49.86	-13.00	36.86

PCS Band (30MHz-20GHz)

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 1900 Frequency:1850.2MHz								
138.13	H	35.24	-76.64	0.00	0.15	-76.79	-13.00	63.79
78.68	V	44.74	-78.52	-0.66	0.10	-79.28	-13.00	66.28
3700.40	H	50.65	-61.20	14.00	1.83	-49.03	-13.00	36.03
3700.40	V	50.41	-61.42	14.00	1.83	-49.25	-13.00	36.25
5550.60	H	50.95	-56.62	13.95	1.27	-43.94	-13.00	30.94
5550.60	V	50.84	-56.58	13.95	1.27	-43.90	-13.00	30.90
GSM 1900 Frequency:1880MHz								
393.71	H	35.67	-75.48	0.00	0.19	-75.67	-13.00	62.67
84.10	V	41.47	-80.34	0.00	0.10	-80.44	-13.00	67.44
3760.00	H	56.45	-54.89	13.76	1.63	-42.76	-13.00	29.76
3760.00	V	52.67	-58.54	13.76	1.63	-46.41	-13.00	33.41
5640.00	H	59.19	-48.13	14.02	1.31	-35.42	-13.00	22.42
5640.00	V	55.09	-52.11	14.02	1.31	-39.40	-13.00	26.40
GSM 1900 Frequency:1909.8MHz								
62.36	H	38.14	-76.22	-9.05	0.09	-85.36	-13.00	72.36
80.07	V	44.87	-78.93	0.00	0.10	-79.03	-13.00	66.03
3819.60	H	58.39	-52.51	13.56	1.50	-40.45	-13.00	27.45
3819.60	V	51.96	-58.76	13.56	1.50	-46.70	-13.00	33.70
5729.40	H	60.38	-47.07	13.96	1.31	-34.42	-13.00	21.42
5729.40	V	56.63	-50.78	13.96	1.31	-38.13	-13.00	25.13

WCDMA Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band II, Frequency:1852.4 MHz								
66.19	H	40.55	-76.02	-7.02	0.10	-83.14	-13.00	70.14
78.56	V	45.74	-77.47	-0.72	0.10	-78.29	-13.00	65.29
3704.80	H	50.32	-61.50	13.98	1.81	-49.33	-13.00	36.33
3704.80	V	50.46	-61.33	13.98	1.81	-49.16	-13.00	36.16
5557.20	H	50.95	-56.57	13.97	1.27	-43.87	-13.00	30.87
5557.20	V	50.87	-56.50	13.97	1.27	-43.80	-13.00	30.80
WCDMA Band II, Frequency:1880 MHz								
94.95	H	35.21	-79.23	0.00	0.11	-79.34	-13.00	66.34
79.97	V	44.42	-79.40	-0.02	0.10	-79.52	-13.00	66.52
3760.00	H	50.67	-60.67	13.76	1.63	-48.54	-13.00	35.54
3760.00	V	50.32	-60.89	13.76	1.63	-48.76	-13.00	35.76
5640.00	H	50.48	-56.84	14.02	1.31	-44.13	-13.00	31.13
5640.00	V	50.29	-56.91	14.02	1.31	-44.20	-13.00	31.20
WCDMA Band II, Frequency:1907.6MHz								
67.83	H	42.76	-74.76	-6.15	0.10	-81.01	-13.00	68.01
78.03	V	44.72	-78.26	-0.98	0.10	-79.34	-13.00	66.34
3815.20	H	50.87	-60.05	13.57	1.50	-47.98	-13.00	34.98
3815.20	V	50.33	-60.41	13.57	1.50	-48.34	-13.00	35.34
5722.80	H	50.48	-56.98	13.95	1.32	-44.35	-13.00	31.35
5722.80	V	50.95	-56.47	13.95	1.32	-43.84	-13.00	30.84

WCDMA Band 4(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band II, Frequency:1712.4 MHz								
81.40	H	38.57	-82.33	0.00	0.10	-82.43	-13.00	69.43
79.69	V	44.21	-79.49	-0.16	0.10	-79.75	-13.00	66.75
3424.80	H	50.65	-61.94	14.03	1.63	-49.54	-13.00	36.54
3424.80	V	50.77	-61.89	14.03	1.63	-49.49	-13.00	36.49
5137.20	H	50.95	-57.07	13.94	1.39	-44.52	-13.00	31.52
5137.20	V	50.64	-57.31	13.94	1.39	-44.76	-13.00	31.76
WCDMA Band II, Frequency:1732.6 MHz								
93.32	H	35.35	-79.78	0.00	0.11	-79.89	-13.00	66.89
78.86	V	45.77	-77.57	-0.57	0.10	-78.24	-13.00	65.24
3465.20	H	50.38	-62.06	13.90	1.62	-49.78	-13.00	36.78
3465.20	V	50.46	-62.02	13.90	1.62	-49.74	-13.00	36.74
5197.80	H	50.74	-56.78	14.00	1.52	-44.30	-13.00	31.30
5197.80	V	50.08	-57.52	14.00	1.52	-45.04	-13.00	32.04
WCDMA Band II, Frequency:1752.6MHz								
86.70	H	34.87	-83.34	0.00	0.10	-83.44	-13.00	70.44
78.31	V	45.35	-77.75	-0.84	0.10	-78.69	-13.00	65.69
3505.20	H	50.44	-61.89	13.82	1.60	-49.67	-13.00	36.67
3505.20	V	50.26	-62.07	13.82	1.60	-49.85	-13.00	36.85
5257.80	H	50.34	-58.19	14.17	1.31	-45.33	-13.00	32.33
5257.80	V	50.46	-58.15	14.17	1.31	-45.29	-13.00	32.29

WCDMA Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 5 Frequency:826.4 MHz								
110.79	H	35.41	-75.35	0.00	0.14	-75.49	-13.00	62.49
57.14	V	36.02	-75.41	-11.62	0.08	-87.11	-13.00	74.11
1652.80	H	53.65	-64.40	10.47	0.72	-54.65	-13.00	41.65
1652.80	V	58.95	-59.70	10.47	0.72	-49.95	-13.00	36.95
2479.20	H	50.65	-65.47	12.93	1.25	-53.79	-13.00	40.79
2479.20	V	50.48	-65.68	12.93	1.25	-54.00	-13.00	41.00
3305.60	H	50.17	-62.81	13.63	1.59	-50.77	-13.00	37.77
3305.60	V	50.33	-62.66	13.63	1.59	-50.62	-13.00	37.62
WCDMA Band 5 Frequency:836.6MHz								
86.24	H	34.67	-83.78	0.00	0.10	-83.88	-13.00	70.88
78.59	V	44.35	-78.87	-0.70	0.10	-79.67	-13.00	66.67
1673.20	H	54.62	-63.12	10.61	0.73	-53.24	-13.00	40.24
1673.20	V	59.26	-59.08	10.61	0.73	-49.20	-13.00	36.20
2509.80	H	50.32	-65.95	13.11	1.25	-54.09	-13.00	41.09
2509.80	V	50.24	-66.06	13.11	1.25	-54.20	-13.00	41.20
3346.40	H	50.00	-62.85	13.83	1.61	-50.63	-13.00	37.63
3346.40	V	50.87	-62.03	13.83	1.61	-49.81	-13.00	36.81
WCDMA Band 5 Frequency:846.6MHz								
78.59	H	39.74	-81.47	-0.70	0.10	-82.27	-13.00	69.27
79.70	V	44.57	-79.13	-0.15	0.10	-79.38	-13.00	66.38
1693.20	H	53.65	-63.79	10.75	0.75	-53.79	-13.00	40.79
1693.20	V	57.65	-60.39	10.75	0.75	-50.39	-13.00	37.39
2539.80	H	50.44	-65.96	13.14	1.27	-54.09	-13.00	41.09
2539.80	V	50.37	-66.15	13.14	1.27	-54.28	-13.00	41.28
3386.40	H	50.84	-61.88	14.03	1.63	-49.48	-13.00	36.48
3386.40	V	50.92	-61.89	14.03	1.63	-49.49	-13.00	36.49

LTE Bands:

(The Worst modulation and bandwidth was below)

LTE Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK,Frequency:1850.7 MHz								
48.47	H	37.45	-71.37	-16.40	0.07	-87.84	-13.00	74.84
78.96	V	44.74	-78.64	-0.52	0.10	-79.26	-13.00	66.26
3701.40	H	50.35	-61.50	13.99	1.83	-49.34	-13.00	36.34
3701.40	V	50.84	-60.98	13.99	1.83	-48.82	-13.00	35.82
5552.10	H	50.59	-56.97	13.96	1.27	-44.28	-13.00	31.28
5552.10	V	50.32	-57.09	13.96	1.27	-44.40	-13.00	31.40
1RB, 1.4MHz, QPSK,Frequency:1880 MHz								
41.11	H	42.54	-58.10	-24.93	0.07	-83.10	-13.00	70.10
78.14	V	42.35	-80.68	-0.93	0.10	-81.71	-13.00	68.71
3760.00	H	50.74	-60.60	13.76	1.63	-48.47	-13.00	35.47
3760.00	V	50.59	-60.62	13.76	1.63	-48.49	-13.00	35.49
5640.00	H	50.32	-57.00	14.02	1.31	-44.29	-13.00	31.29
5640.00	V	50.54	-56.66	14.02	1.31	-43.95	-13.00	30.95
1RB, 1.4MHz, QPSK,Frequency:1909.3 MHz								
54.22	H	37.04	-74.55	-12.96	0.07	-87.58	-13.00	74.58
79.79	V	44.78	-78.96	-0.10	0.10	-79.16	-13.00	66.16
3818.60	H	50.44	-60.47	13.56	1.50	-48.41	-13.00	35.41
3818.60	V	50.34	-60.39	13.56	1.50	-48.33	-13.00	35.33
5727.90	H	50.16	-57.29	13.96	1.31	-44.64	-13.00	31.64
5727.90	V	50.99	-56.43	13.96	1.31	-43.78	-13.00	30.78

LTE Band 4(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK,Frequency:1710.7 MHz								
432.54	H	35.01	-75.48	0.00	0.21	-75.69	-13.00	62.69
79.15	V	44.74	-78.72	-0.42	0.10	-79.24	-13.00	66.24
3421.40	H	50.65	-61.95	14.04	1.63	-49.54	-13.00	36.54
3421.40	V	50.29	-62.39	14.04	1.63	-49.98	-13.00	36.98
5132.10	H	50.41	-57.66	13.93	1.37	-45.10	-13.00	32.10
5132.10	V	50.33	-57.65	13.93	1.37	-45.09	-13.00	32.09
1RB, 1.4MHz, QPSK,Frequency:1732.5 MHz								
375.99	H	34.67	-77.28	0.00	0.19	-77.47	-13.00	64.47
78.33	V	44.87	-78.24	-0.84	0.10	-79.18	-13.00	66.18
3465.00	H	50.47	-61.97	13.91	1.62	-49.68	-13.00	36.68
3465.00	V	50.35	-62.13	13.91	1.62	-49.84	-13.00	36.84
5197.50	H	50.50	-57.02	14.00	1.52	-44.54	-13.00	31.54
5197.50	V	50.41	-57.19	14.00	1.52	-44.71	-13.00	31.71
1RB, 1.4MHz, QPSK,Frequency:1754.3MHz								
159.22	H	35.12	-78.21	0.00	0.16	-78.37	-13.00	65.37
79.71	V	44.77	-78.94	-0.15	0.10	-79.19	-13.00	66.19
3508.60	H	50.41	-61.93	13.83	1.60	-49.70	-13.00	36.70
3508.60	V	50.26	-62.08	13.83	1.60	-49.85	-13.00	36.85
5262.90	H	50.32	-58.30	14.19	1.29	-45.40	-13.00	32.40
5262.90	V	50.08	-58.62	14.19	1.29	-45.72	-13.00	32.72

LTE Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 824.7 MHz								
94.96	H	35.07	-79.37	0.00	0.11	-79.48	-13.00	66.48
78.32	V	44.72	-78.39	-0.84	0.10	-79.33	-13.00	66.33
1649.40	H	53.62	-64.48	10.45	0.71	-54.74	-13.00	41.74
1649.40	V	54.26	-64.44	10.45	0.71	-54.70	-13.00	41.70
2474.10	H	50.44	-65.65	12.89	1.25	-54.01	-13.00	41.01
2474.10	V	50.30	-65.85	12.89	1.25	-54.21	-13.00	41.21
3298.80	H	50.31	-62.68	13.60	1.59	-50.67	-13.00	37.67
3298.80	V	50.07	-62.92	13.60	1.59	-50.91	-13.00	37.91
1RB, 1.4MHz, QPSK, Frequency: 836.5 MHz								
81.97	H	36.74	-83.87	0.00	0.10	-83.97	-13.00	70.97
79.70	V	44.91	-78.79	-0.15	0.10	-79.04	-13.00	66.04
1673.00	H	54.68	-63.07	10.61	0.73	-53.19	-13.00	40.19
1673.00	V	55.32	-63.03	10.61	0.73	-53.15	-13.00	40.15
2509.50	H	50.49	-65.78	13.11	1.25	-53.92	-13.00	40.92
2509.50	V	50.74	-65.56	13.11	1.25	-53.70	-13.00	40.70
3346.00	H	50.08	-62.77	13.83	1.61	-50.55	-13.00	37.55
3346.00	V	50.38	-62.52	13.83	1.61	-50.30	-13.00	37.30
1RB, 1.4MHz, QPSK, Frequency: 848.3 MHz								
62.81	H	38.25	-76.37	-8.81	0.09	-85.27	-13.00	72.27
81.68	V	43.52	-79.48	0.00	0.10	-79.58	-13.00	66.58
1696.60	H	56.35	-61.04	10.78	0.75	-51.01	-13.00	38.01
1696.60	V	57.48	-60.51	10.78	0.75	-50.48	-13.00	37.48
2544.90	H	50.34	-66.09	13.14	1.27	-54.22	-13.00	41.22
2544.90	V	50.84	-65.72	13.14	1.27	-53.85	-13.00	40.85
3393.20	H	50.95	-61.75	14.07	1.64	-49.32	-13.00	36.32
3393.20	V	50.41	-62.38	14.07	1.64	-49.95	-13.00	36.95

LTE Band 12(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 699.7 MHz								
75.62	H	41.35	-79.02	-2.19	0.10	-81.31	-13.00	68.31
92.01	V	38.45	-80.46	0.00	0.11	-80.57	-13.00	67.57
1399.40	H	50.60	-66.54	9.00	1.20	-58.74	-13.00	45.74
1399.40	V	50.48	-67.26	9.00	1.20	-59.46	-13.00	46.46
2099.10	H	50.32	-66.11	11.41	1.10	-55.80	-13.00	42.80
2099.10	V	50.41	-66.02	11.41	1.10	-55.71	-13.00	42.71
2798.80	H	50.66	-65.09	13.10	1.36	-53.35	-13.00	40.35
2798.80	V	50.37	-65.57	13.10	1.36	-53.83	-13.00	40.83
1RB, 1.4MHz,QPSK, Frequency:707.5 MHz								
71.06	H	42.41	-76.67	-4.47	0.11	-81.25	-13.00	68.25
89.16	V	39.12	-80.20	0.00	0.10	-80.30	-13.00	67.30
1415.00	H	50.87	-66.61	9.08	1.22	-58.75	-13.00	45.75
1415.00	V	50.95	-67.06	9.08	1.22	-59.20	-13.00	46.20
2122.50	H	50.35	-66.08	11.27	1.11	-55.92	-13.00	42.92
2122.50	V	50.41	-66.00	11.27	1.11	-55.84	-13.00	42.84
2830.00	H	50.55	-64.78	13.34	1.36	-52.80	-13.00	39.80
1RB, 1.4MHz,QPSK, Frequency: 715.3 MHz								
161.17	H	35.07	-78.48	0.00	0.16	-78.64	-13.00	65.64
77.23	V	44.77	-77.87	-1.39	0.10	-79.36	-13.00	66.36
1430.60	H	50.46	-67.39	9.15	1.25	-59.49	-13.00	46.49
1430.60	V	50.35	-67.94	9.15	1.25	-60.04	-13.00	47.04
2145.90	H	50.44	-66.01	11.12	1.12	-56.01	-13.00	43.01
2145.90	V	50.35	-66.05	11.12	1.12	-56.05	-13.00	43.05
2861.20	H	50.17	-64.72	13.59	1.35	-52.48	-13.00	39.48
2861.20	V	50.99	-64.16	13.59	1.35	-51.92	-13.00	38.92

LTE Band 13 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 779.5 MHz								
79.70	H	39.75	-81.78	-0.15	0.10	-82.03	-13.00	69.03
79.15	V	44.35	-79.11	-0.42	0.10	-79.63	-13.00	66.63
1559.00	H	50.26	-68.83	9.85	0.95	-59.93	-40.00	19.93
1559.00	V	50.98	-68.51	9.85	0.95	-59.61	-40.00	19.61
2338.50	H	50.74	-64.89	11.62	1.25	-54.52	-13.00	41.52
2338.50	V	50.48	-65.16	11.62	1.25	-54.79	-13.00	41.79
3118.00	H	50.35	-63.00	13.27	1.78	-51.51	-13.00	38.51
3118.00	V	50.69	-62.67	13.27	1.78	-51.18	-13.00	38.18
3128.00	V	50.96	-62.25	13.31	1.76	-50.70	-13.00	37.70
1RB, 5MHz,QPSK, Frequency:784.5 MHz								
60.86	H	37.31	-76.18	-9.84	0.08	-86.10	-13.00	73.10
88.85	V	38.17	-81.31	0.00	0.10	-81.41	-13.00	68.41
1569.00	H	50.40	-68.63	9.91	0.89	-59.61	-40.00	19.61
1569.00	V	50.09	-69.39	9.91	0.89	-60.37	-40.00	20.37
2353.50	H	50.66	-64.98	11.79	1.26	-54.45	-13.00	41.45
2353.50	V	50.14	-65.56	11.79	1.26	-55.03	-13.00	42.03
3138.00	H	50.38	-62.67	13.35	1.73	-51.05	-13.00	38.05
3138.00	V	50.87	-62.20	13.35	1.73	-50.58	-13.00	37.58

LTE Band 25(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 1850.4 MHz								
87.62	H	34.13	-83.62	0.00	0.10	-83.72	-13.00	70.72
91.49	V	39.76	-79.15	0.00	0.10	-79.25	-13.00	66.25
3700.80	H	50.66	-61.19	14.00	1.83	-49.02	-13.00	36.02
3700.80	V	50.59	-61.24	14.00	1.83	-49.07	-13.00	36.07
5551.20	H	50.32	-57.24	13.95	1.27	-44.56	-13.00	31.56
5551.20	V	50.17	-57.24	13.95	1.27	-44.56	-13.00	31.56
7401.60	H	50.59	-51.75	13.30	1.42	-39.87	-13.00	26.87
7401.60	V	50.66	-52.04	13.30	1.42	-40.16	-13.00	27.16
1RB, 5MHz,QPSK, Frequency:1882.5 MHz								
81.98	H	38.24	-82.37	0.00	0.10	-82.47	-13.00	69.47
78.68	V	44.76	-78.50	-0.66	0.10	-79.26	-13.00	66.26
3765.00	H	50.84	-60.46	13.74	1.62	-48.34	-13.00	35.34
3765.00	V	50.35	-60.80	13.74	1.62	-48.68	-13.00	35.68
5647.50	H	50.19	-57.16	14.01	1.31	-44.46	-13.00	31.46
5647.50	V	50.35	-56.88	14.01	1.31	-44.18	-13.00	31.18
7530.00	H	50.65	-51.42	13.20	1.34	-39.56	-13.00	26.56
7530.00	V	50.47	-52.07	13.20	1.34	-40.21	-13.00	27.21
1RB, 5MHz,QPSK, Frequency: 1914.3 MHz								
86.40	H	34.88	-83.49	0.00	0.10	-83.59	-13.00	70.59
79.24	V	44.79	-78.71	-0.38	0.10	-79.19	-13.00	66.19
3828.60	H	50.79	-60.07	13.54	1.51	-48.04	-13.00	35.04
3828.60	V	50.64	-60.05	13.54	1.51	-48.02	-13.00	35.02
5742.90	H	50.34	-57.07	13.99	1.30	-44.38	-13.00	31.38
5742.90	V	50.59	-56.80	13.99	1.30	-44.11	-13.00	31.11
7657.20	H	50.33	-52.08	13.31	1.44	-40.21	-13.00	27.21
7657.20	V	50.41	-52.35	13.31	1.44	-40.48	-13.00	27.48

LTE Band 26(30MHz-10GHz):814-824MHz

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz,QPSK, Frequency: 814.7 MHz								
139.12	H	35.01	-77.00	0.00	0.15	-77.15	-13.00	64.15
69.68	V	45.89	-73.44	-5.17	0.11	-78.72	-13.00	65.72
1629.40	H	56.29	-62.11	10.31	0.70	-52.50	-13.00	39.50
1629.40	V	52.32	-66.68	10.31	0.70	-57.07	-13.00	44.07
2444.10	H	50.40	-65.53	12.65	1.27	-54.15	-13.00	41.15
2444.10	V	50.28	-65.76	12.65	1.27	-54.38	-13.00	41.38
3258.80	H	50.16	-62.48	13.60	1.58	-50.46	-13.00	37.46
3258.80	V	50.32	-62.34	13.60	1.58	-50.32	-13.00	37.32
1RB, 1.4MHz,QPSK, Frequency:823.3 MHz								
37.92	H	44.05	-52.97	-25.40	0.06	-78.43	-13.00	65.43
89.89	V	38.89	-80.07	0.00	0.10	-80.17	-13.00	67.17
1646.60	H	53.26	-64.88	10.43	0.71	-55.16	-13.00	42.16
1646.60	V	54.29	-64.45	10.43	0.71	-54.73	-13.00	41.73
2469.90	H	50.24	-65.83	12.86	1.26	-54.23	-13.00	41.23
2469.90	V	50.70	-65.43	12.86	1.26	-53.83	-13.00	40.83
3293.20	H	50.32	-62.62	13.60	1.59	-50.61	-13.00	37.61
3293.20	V	50.49	-62.45	13.60	1.59	-50.44	-13.00	37.44

824-849MHz:

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz,QPSK, Frequency: 824.7 MHz								
37.65	H	44.15	-52.55	-25.27	0.06	-77.88	-13.00	64.88
90.12	V	39.14	-79.77	0.00	0.10	-79.87	-13.00	66.87
1649.40	H	53.52	-64.58	10.45	0.71	-54.84	-13.00	41.84
1649.40	V	54.18	-64.52	10.45	0.71	-54.78	-13.00	41.78
2474.10	H	50.29	-65.80	12.89	1.25	-54.16	-13.00	41.16
2474.10	V	50.31	-65.83	12.89	1.25	-54.19	-13.00	41.19
3298.80	H	50.14	-62.85	13.60	1.59	-50.84	-13.00	37.84
3298.80	V	50.88	-62.11	13.60	1.59	-50.10	-13.00	37.10
1RB, 1.4MHz,QPSK, Frequency:836.5 MHz								
38.16	H	44.16	-53.14	-25.52	0.06	-78.72	-13.00	65.72
89.55	V	39.07	-80.06	0.00	0.10	-80.16	-13.00	67.16
1673.00	H	53.40	-64.35	10.61	0.73	-54.47	-13.00	41.47
1673.00	V	54.84	-63.51	10.61	0.73	-53.63	-13.00	40.63
2509.50	H	50.20	-66.07	13.11	1.25	-54.21	-13.00	41.21
2509.50	V	50.31	-65.99	13.11	1.25	-54.13	-13.00	41.13
3346.00	H	50.19	-62.66	13.83	1.61	-50.44	-13.00	37.44
3346.00	V	50.33	-62.57	13.83	1.61	-50.35	-13.00	37.35
1RB, 1.4MHz,QPSK, Frequency: 848.3 MHz								
39.74	H	44.52	-54.61	-26.28	0.07	-80.96	-13.00	67.96
89.27	V	39.47	-79.80	0.00	0.10	-79.90	-13.00	66.90
1696.60	H	53.20	-64.19	10.78	0.75	-54.16	-13.00	41.16
1696.60	V	54.18	-63.81	10.78	0.75	-53.78	-13.00	40.78
2544.90	H	50.00	-66.43	13.14	1.27	-54.56	-13.00	41.56
2544.90	V	50.19	-66.37	13.14	1.27	-54.50	-13.00	41.50
3393.20	H	50.32	-62.38	14.07	1.64	-49.95	-13.00	36.95
3393.20	V	50.13	-62.67	14.07	1.64	-50.24	-13.00	37.24

LTE Band 41(30MHz-27GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 2498.5 MHz								
299.31	H	35.10	-80.33	0.00	0.20	-80.53	-25.00	55.53
91.48	V	38.67	-80.24	0.00	0.10	-80.34	-25.00	55.34
4997.00	H	62.54	-47.28	14.00	1.44	-34.72	-25.00	9.72
4997.00	V	62.35	-47.20	14.00	1.44	-34.64	-25.00	9.64
7495.50	H	50.23	-51.78	13.20	1.32	-39.90	-25.00	14.90
7495.50	V	50.14	-52.36	13.20	1.32	-40.48	-25.00	15.48
1RB, 5MHz,QPSK, Frequency:2593 MHz								
76.08	H	40.37	-80.13	-1.96	0.10	-82.19	-25.00	57.19
79.52	V	44.74	-78.88	-0.24	0.10	-79.22	-25.00	54.22
5186.00	H	59.84	-47.78	13.99	1.50	-35.29	-25.00	10.29
5186.00	V	59.26	-48.41	13.99	1.50	-35.92	-25.00	10.92
7779.00	H	52.68	-50.04	13.32	1.53	-38.25	-25.00	13.25
7779.00	V	52.37	-50.61	13.32	1.53	-38.82	-25.00	13.82
1RB, 5MHz,QPSK, Frequency: 2687.5 MHz								
150.64	H	35.07	-77.73	0.00	0.16	-77.89	-25.00	52.89
72.58	V	44.67	-75.97	-3.71	0.11	-79.79	-25.00	54.79
5375.00	H	60.54	-47.29	14.15	1.38	-34.52	-25.00	9.52
5375.00	V	59.41	-48.41	14.15	1.38	-35.64	-25.00	10.64
8062.50	H	53.29	-49.83	13.34	1.72	-38.21	-25.00	13.21
8062.50	V	52.24	-50.95	13.34	1.72	-39.33	-25.00	14.33

LTE Band 66(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 1710.7 MHz								
94.64	H	35.11	-79.46	0.00	0.11	-79.57	-13.00	66.57
78.30	V	44.81	-78.29	-0.85	0.10	-79.24	-13.00	66.24
3421.40	H	50.62	-61.98	14.04	1.63	-49.57	-13.00	36.57
3421.40	V	50.47	-62.21	14.04	1.63	-49.80	-13.00	36.80
5132.10	H	50.18	-57.89	13.93	1.37	-45.33	-13.00	32.33
5132.10	V	50.90	-57.08	13.93	1.37	-44.52	-13.00	31.52
1RB, 5MHz,QPSK, Frequency:1745 MHz								
69.53	H	43.54	-74.97	-5.25	0.11	-80.33	-13.00	67.33
79.99	V	44.91	-78.92	-0.01	0.10	-79.03	-13.00	66.03
3490.00	H	50.84	-61.51	13.83	1.61	-49.29	-13.00	36.29
3490.00	V	50.32	-62.04	13.83	1.61	-49.82	-13.00	36.82
5235.00	H	50.98	-57.15	14.11	1.40	-44.44	-13.00	31.44
5235.00	V	50.18	-58.03	14.11	1.40	-45.32	-13.00	32.32
1RB, 5MHz,QPSK, Frequency: 1779.3 MHz								
67.85	H	41.57	-75.97	-6.14	0.10	-82.21	-13.00	69.21
89.48	V	39.13	-80.04	0.00	0.10	-80.14	-13.00	67.14
3558.60	H	50.87	-61.60	13.98	1.55	-49.17	-13.00	36.17
3558.60	V	50.49	-61.98	13.98	1.55	-49.55	-13.00	36.55
5337.90	H	50.88	-57.67	14.22	1.26	-44.71	-13.00	31.71
5337.90	V	50.28	-58.30	14.22	1.26	-45.34	-13.00	32.34

LTE Band 71(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 665.5 MHz								
49.84	H	37.45	-72.93	-15.06	0.07	-88.06	-13.00	75.06
77.86	V	44.76	-78.15	-1.07	0.10	-79.32	-13.00	66.32
1331.00	H	53.62	-63.73	8.52	1.19	-56.40	-13.00	43.40
1331.00	V	54.59	-63.57	8.52	1.19	-56.24	-13.00	43.24
1996.50	H	50.65	-67.81	11.99	1.13	-56.95	-13.00	43.95
1996.50	V	50.34	-68.52	11.99	1.13	-57.66	-13.00	44.66
2662.00	H	50.18	-65.83	13.14	1.27	-53.96	-13.00	40.96
2662.00	V	50.35	-65.84	13.14	1.27	-53.97	-13.00	40.97
1RB, 5MHz,QPSK, Frequency:680.5 MHz								
64.37	H	40.52	-75.00	-7.98	0.09	-83.07	-13.00	70.07
79.80	V	44.67	-79.07	-0.10	0.10	-79.27	-13.00	66.27
1361.00	H	53.14	-64.12	8.73	1.20	-56.59	-13.00	43.59
1361.00	V	54.68	-63.29	8.73	1.20	-55.76	-13.00	42.76
2041.50	H	50.27	-67.38	11.75	1.12	-56.75	-13.00	43.75
2041.50	V	50.66	-67.23	11.75	1.12	-56.60	-13.00	43.60
2722.00	H	50.31	-65.32	13.10	1.27	-53.49	-13.00	40.49
2722.00	V	50.87	-64.89	13.10	1.27	-53.06	-13.00	40.06
1RB, 5MHz,QPSK, Frequency: 695.5 MHz								
84.30	H	36.67	-82.76	0.00	0.10	-82.86	-13.00	69.86
59.58	V	44.71	-68.17	-10.49	0.08	-78.74	-13.00	65.74
1391.00	H	53.26	-63.90	8.94	1.20	-56.16	-13.00	43.16
1391.00	V	54.98	-62.81	8.94	1.20	-55.07	-13.00	42.07
2086.50	H	51.26	-65.44	11.48	1.10	-55.06	-13.00	42.06
2086.50	V	52.54	-64.21	11.48	1.10	-53.83	-13.00	40.83
2782.00	H	50.65	-65.07	13.10	1.34	-53.31	-13.00	40.31
2782.00	V	50.87	-65.03	13.10	1.34	-53.27	-13.00	40.27

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit-Absolute Level

APPENDIX A - EUT PHOTOGRAPHS

Please refer to the attachment SZGMA240304-10520E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and SZGMA240304-10520E-RF-INP EUT INTERNAL PHOTOGRAPHS

APPENDIX B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment SZGMA240304-10520E-RF-00E-TSP TEST SETUP PHOTOGRAPHS.

==== END OF REPORT =====