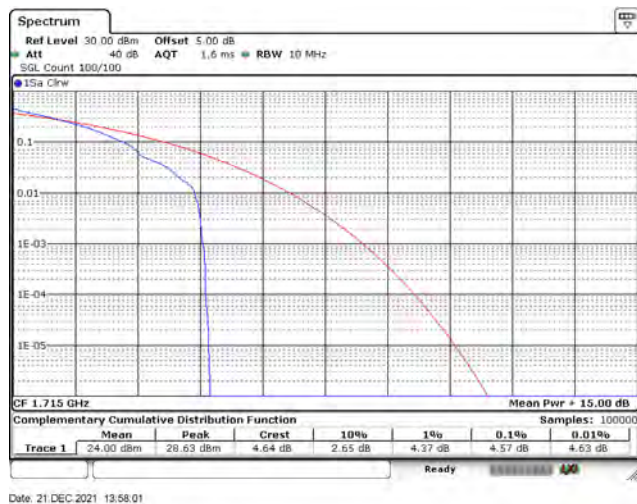
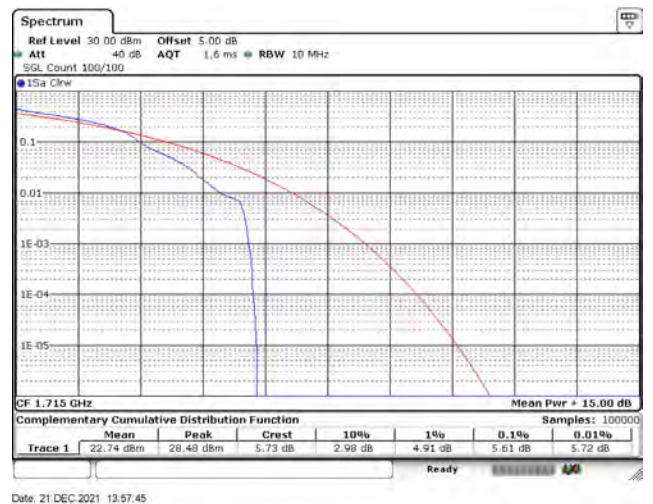


LTE Band 4

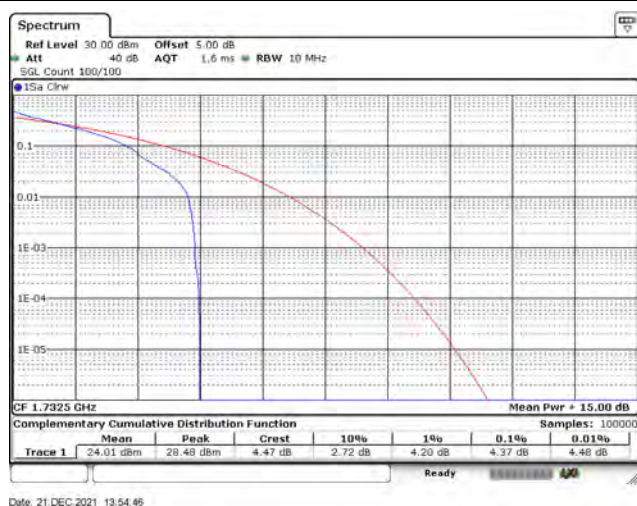
QPSK / CH20000 / 10 MHz / 1RB24 / Ratio



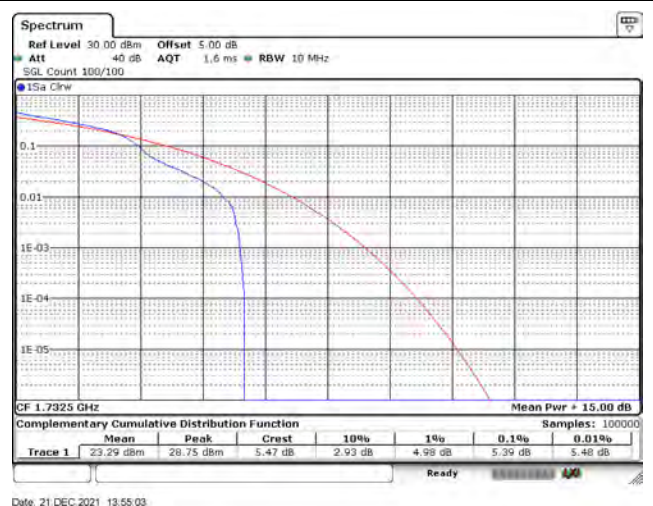
16-QAM / CH20000 / 10 MHz / 1RB24 / Ratio



QPSK / CH20175 / 10 MHz / 1RB24 / Ratio



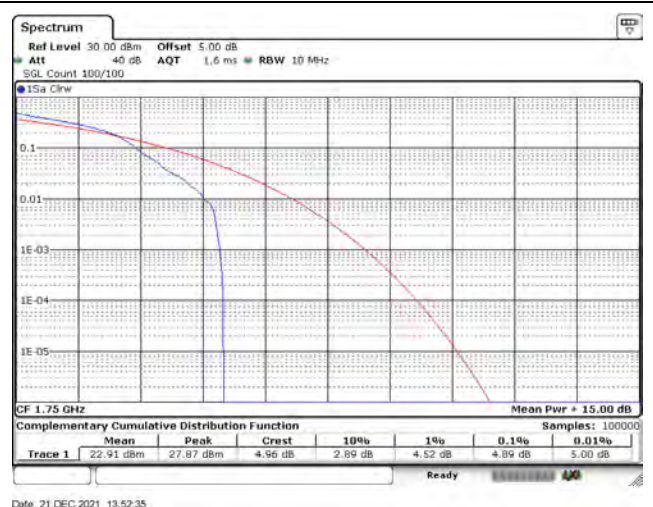
16-QAM / CH20175 / 10 MHz / 1RB24 / Ratio



QPSK / CH20350 / 10 MHz / 1RB24 / Ratio

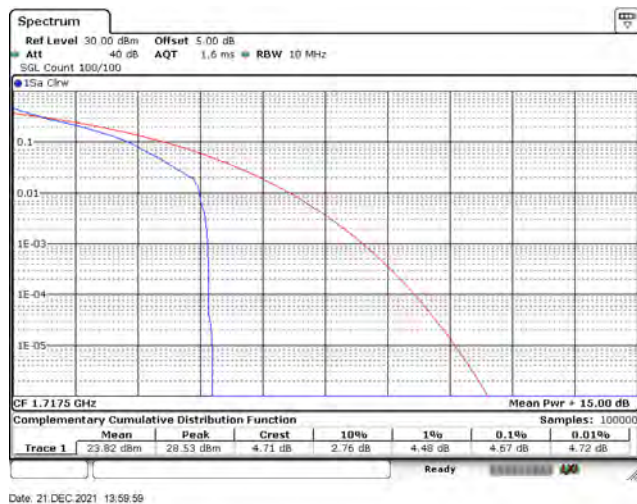


16-QAM / CH20350 / 10 MHz / 1RB24 / Ratio

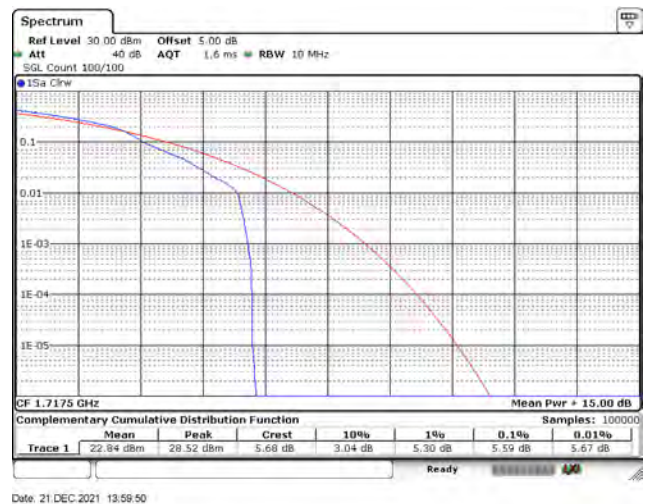


LTE Band 4

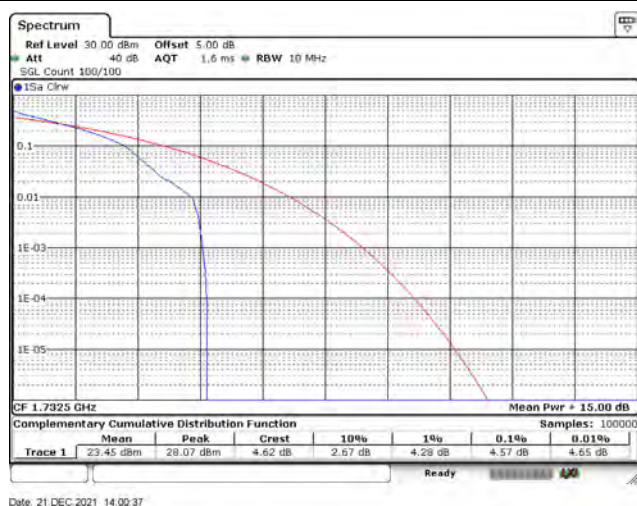
QPSK / CH20025 / 15 MHz / 1RB37 / Ratio



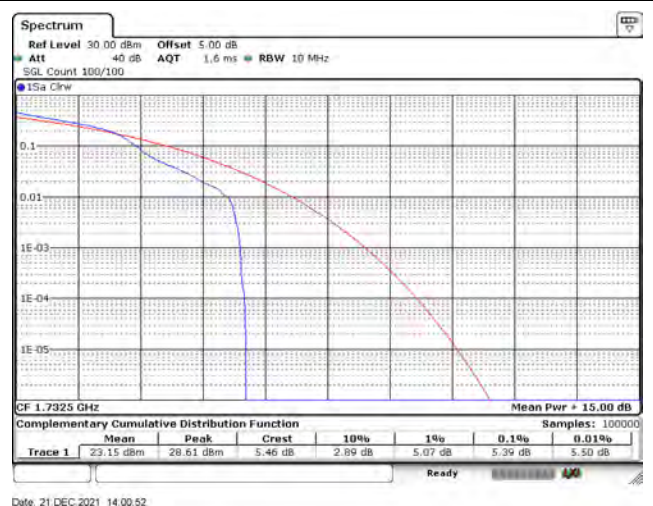
16-QAM / CH20025 / 15 MHz / 1RB37 / Ratio



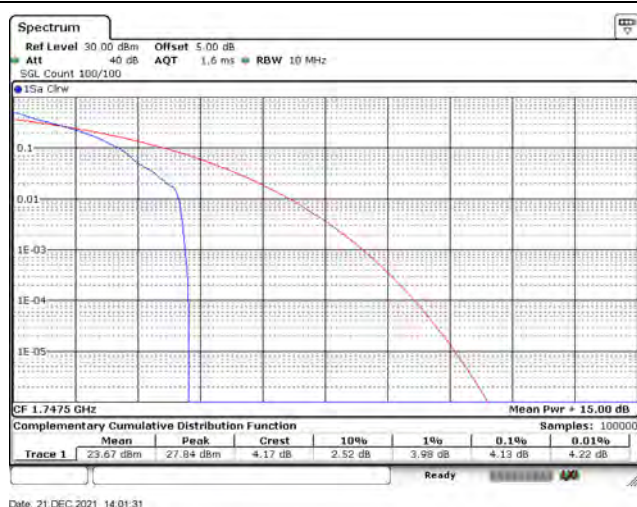
QPSK / CH20175 / 15 MHz / 1RB37 / Ratio



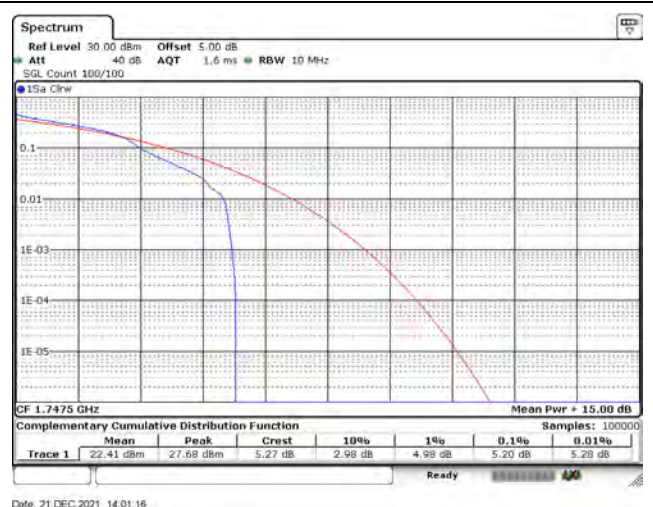
16-QAM / CH20175 / 15 MHz / 1RB37 / Ratio



QPSK / CH20325 / 15 MHz / 1RB37 / Ratio

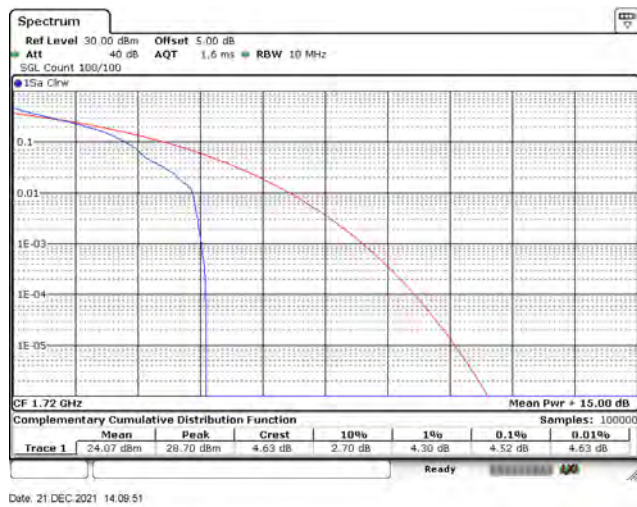


16-QAM / CH20325 / 15 MHz / 1RB37 / Ratio

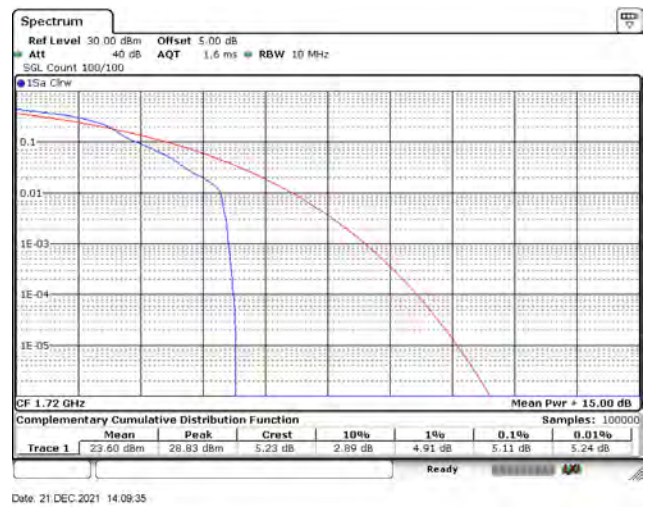


LTE Band 4

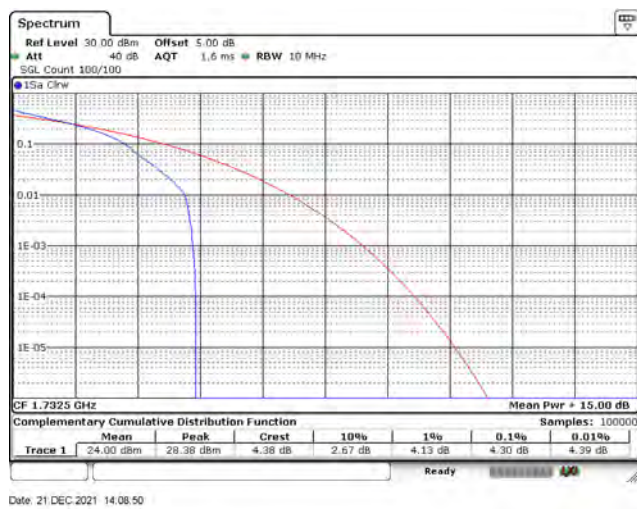
QPSK / CH20050 / 20 MHz / 1RB49 / Ratio



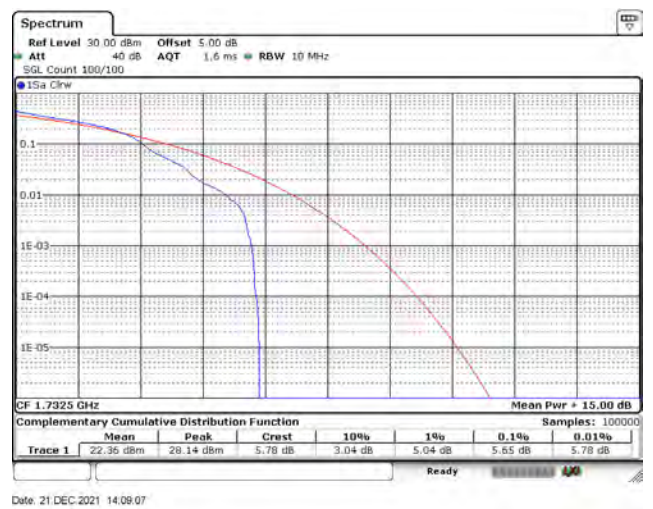
16-QAM / CH20050 / 20 MHz / 1RB49 / Ratio



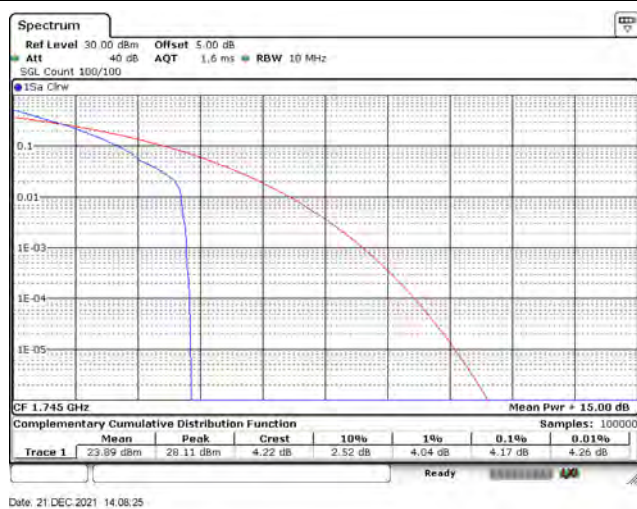
QPSK / CH20175 / 20 MHz / 1RB49 / Ratio



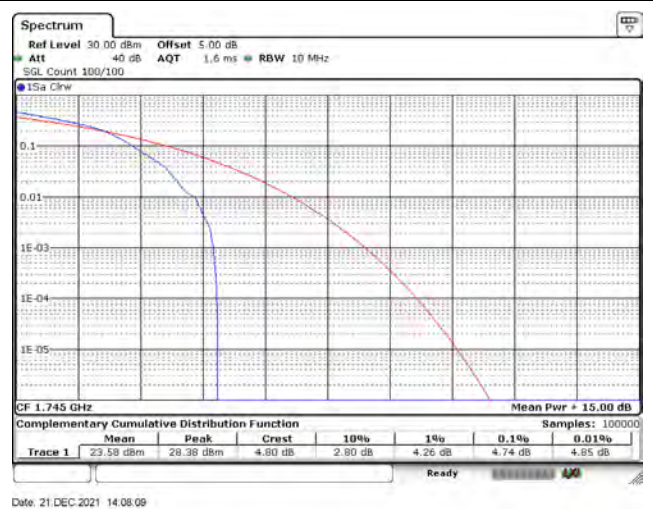
16-QAM / CH20175 / 20 MHz / 1RB49 / Ratio



QPSK / CH20300 / 20 MHz / 1RB49 / Ratio



16-QAM / CH20300 / 20 MHz / 1RB49 / Ratio

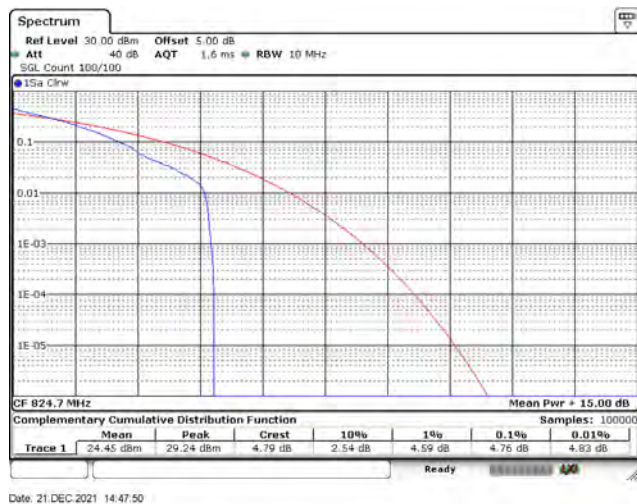


Mode 3: LTE Band 5/26 (Part 22)

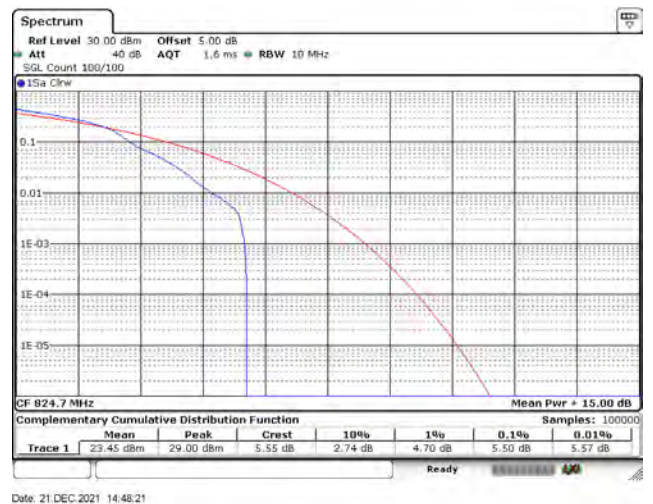
BW	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4 MHz	26797	824.7	QPSK	29.24	24.45	4.76
			16-QAM	29.00	23.45	5.50
	26915	836.5	QPSK	29.39	24.77	4.61
			16-QAM	29.43	23.95	5.43
	27033	848.3	QPSK	28.60	24.58	4.00
			16-QAM	28.78	24.07	4.70
3 MHz	26805	825.5	QPSK	29.45	24.59	4.85
			16-QAM	29.35	23.59	5.74
	26915	836.5	QPSK	29.16	24.55	4.61
			16-QAM	29.36	23.89	5.48
	27025	847.5	QPSK	28.75	24.75	4.02
			16-QAM	28.54	23.76	4.80
5 MHz	26815	826.5	QPSK	29.20	24.29	4.89
			16-QAM	29.20	23.54	5.65
	26915	836.5	QPSK	29.12	24.57	4.54
			16-QAM	29.15	23.86	5.30
	27015	846.5	QPSK	28.77	24.51	4.26
			16-QAM	28.68	23.64	5.02
10 MHz	26840	829	QPSK	29.75	24.86	4.83
			16-QAM	29.58	23.57	5.91
	26915	836.5	QPSK	29.40	24.84	4.48
			16-QAM	29.91	24.60	5.24
	26990	844	QPSK	29.37	24.86	4.48
			16-QAM	29.61	24.34	5.26
15 MHz	26865	831.5	QPSK	29.79	24.94	4.80
			16-QAM	29.37	23.52	5.78
	26915	836.5	QPSK	29.10	24.51	4.57
			16-QAM	29.84	24.57	5.24
	26965	841.5	QPSK	29.21	24.62	4.57
			16-QAM	28.86	23.27	5.54

LTE Band 26

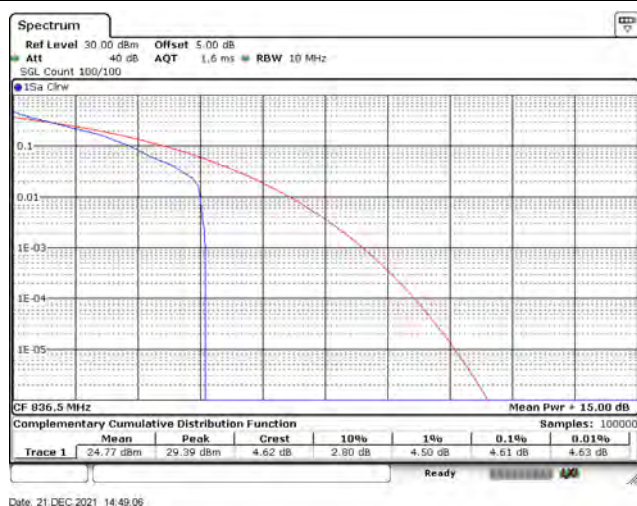
QPSK / CH26797 / 1.4 MHz / 1RB2 / Ratio



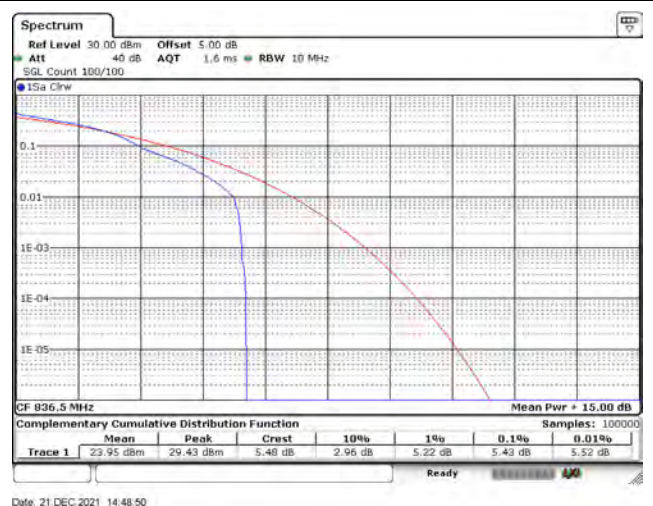
16-QAM / CH26797 / 1.4 MHz / 1RB2 / Ratio



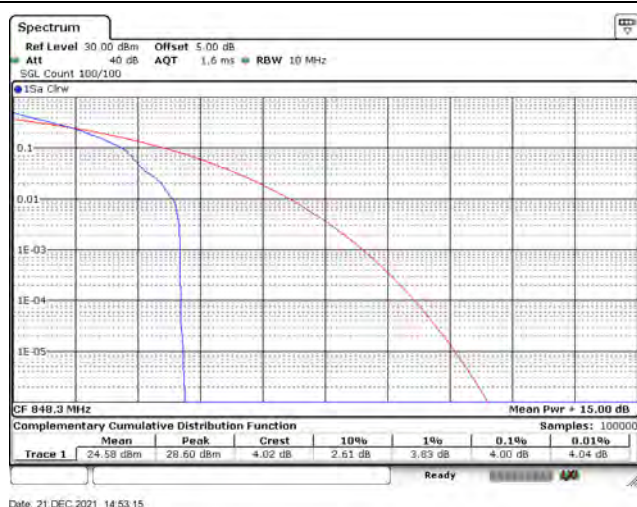
QPSK / CH26915 / 1.4 MHz / 1RB2 / Ratio



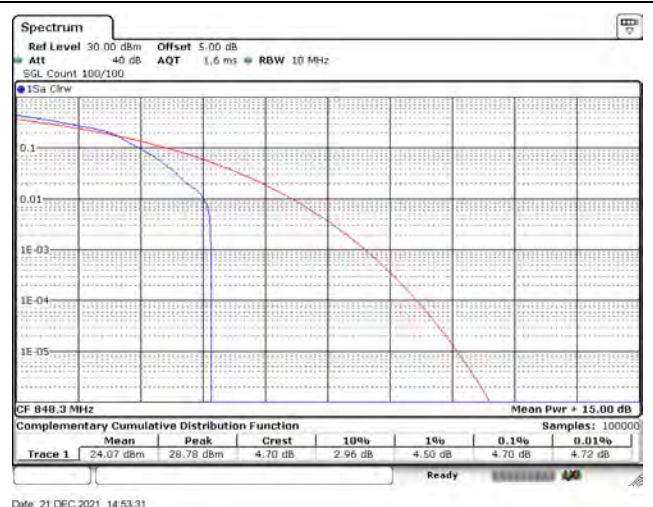
16-QAM / CH26915 / 1.4 MHz / 1RB2 / Ratio



QPSK / CH27033 / 1.4 MHz / 1RB2 / Ratio

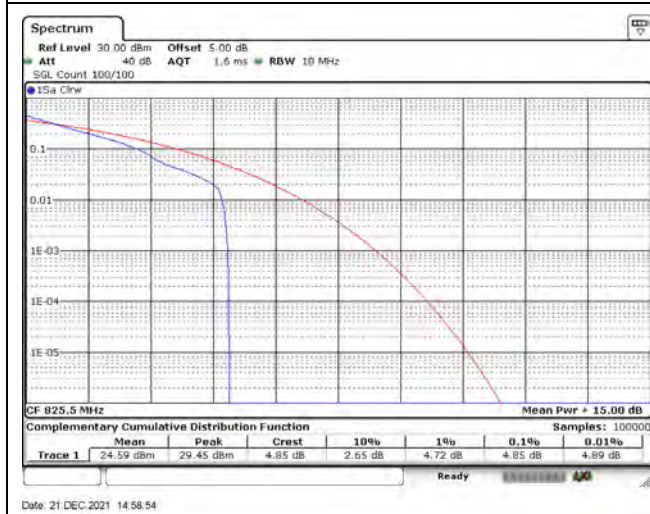


16-QAM / CH27033 / 1.4 MHz / 1RB2 / Ratio

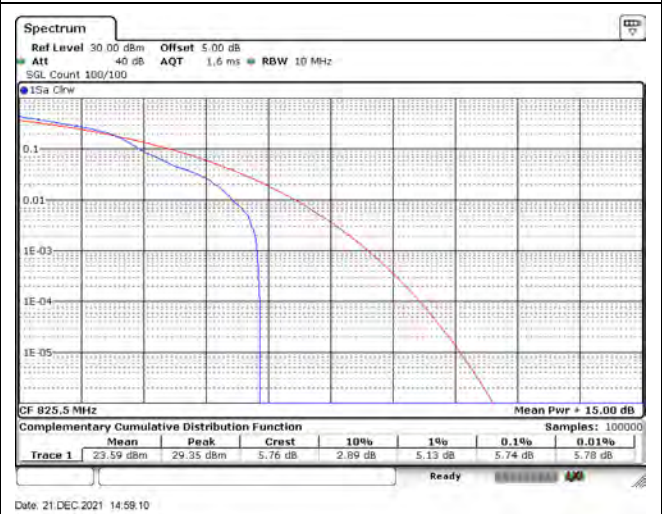


LTE Band 26

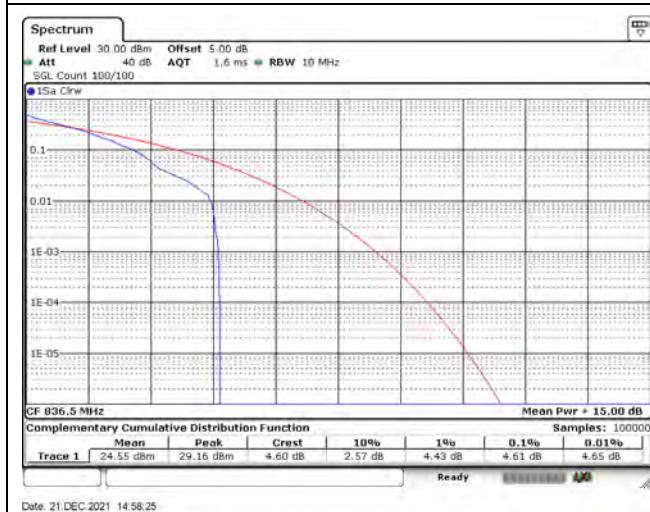
QPSK / CH26805 / 3 MHz / 1RB7 / Ratio



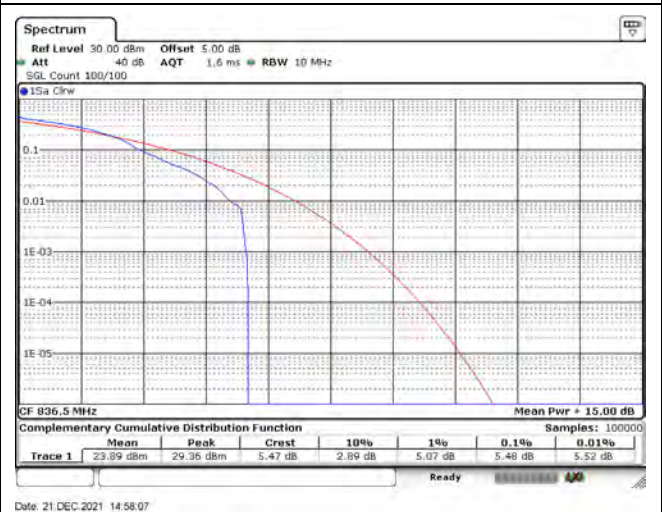
16-QAM / CH26805 / 3 MHz / 1RB7 / Ratio



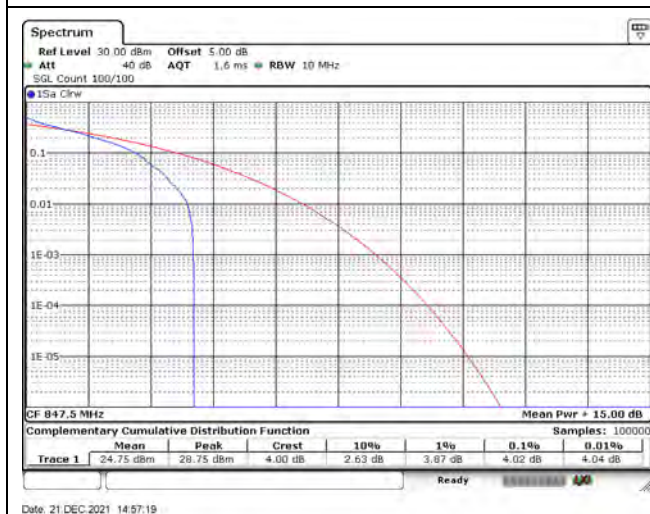
QPSK / CH26915 / 3 MHz / 1RB7 / Ratio



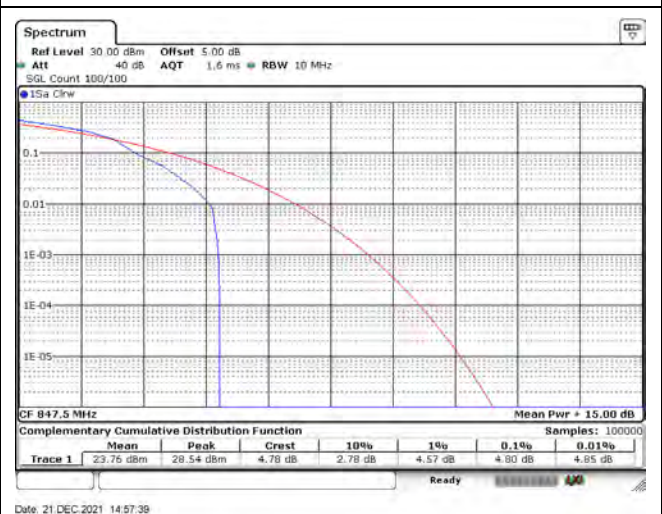
16-QAM / CH26915 / 3 MHz / 1RB7 / Ratio



QPSK / CH27025 / 3 MHz / 1RB7 / Ratio

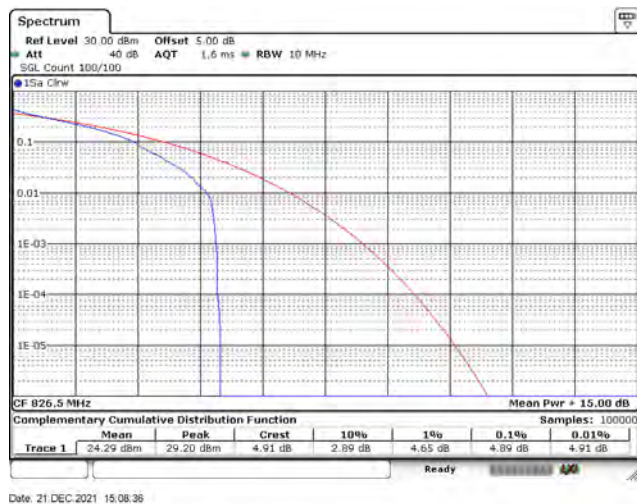


16-QAM / CH27025 / 3 MHz / 1RB7 / Ratio

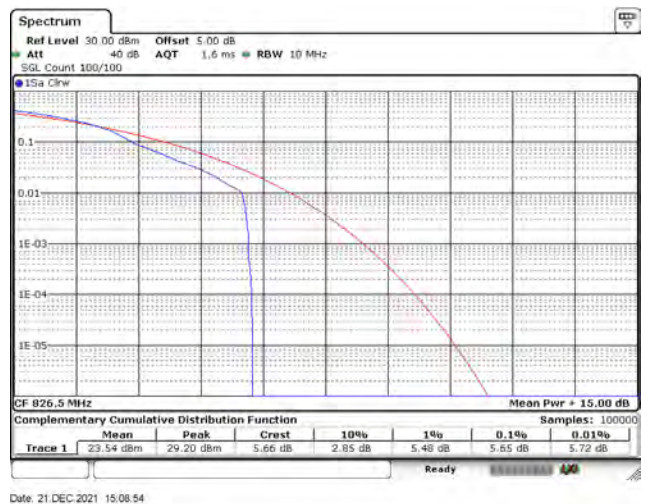


LTE Band 26

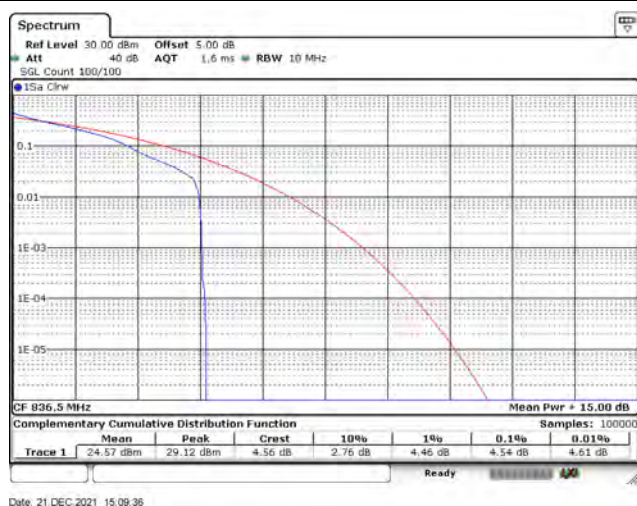
QPSK / CH26815 / 5 MHz / 1RB12 / Ratio



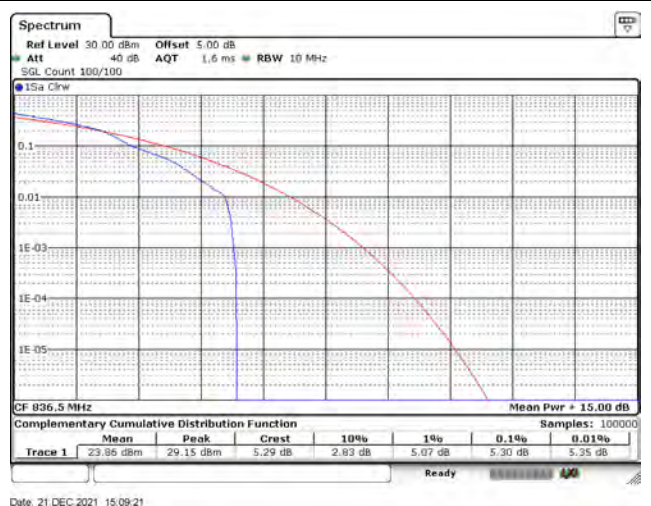
16-QAM / CH26815 / 5 MHz / 1RB12 / Ratio



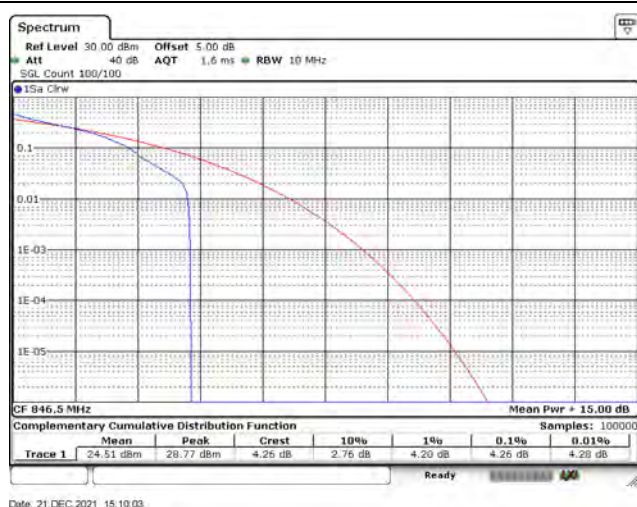
QPSK / CH26915 / 5 MHz / 1RB12 / Ratio



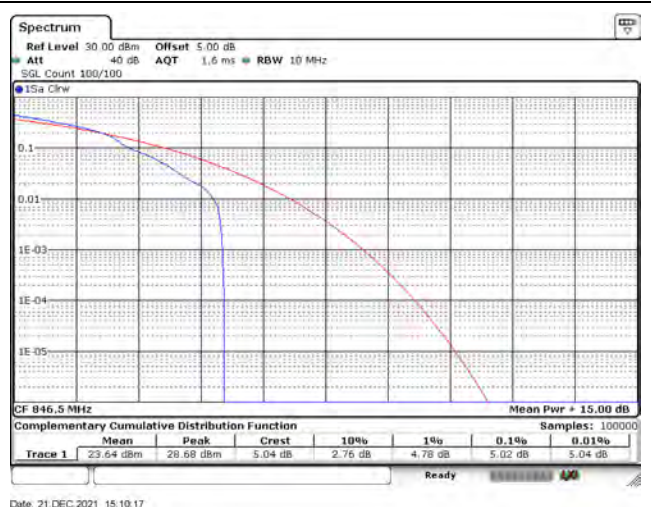
16-QAM / CH26915 / 5 MHz / 1RB12 / Ratio



QPSK / CH27015 / 5 MHz / 1RB12 / Ratio

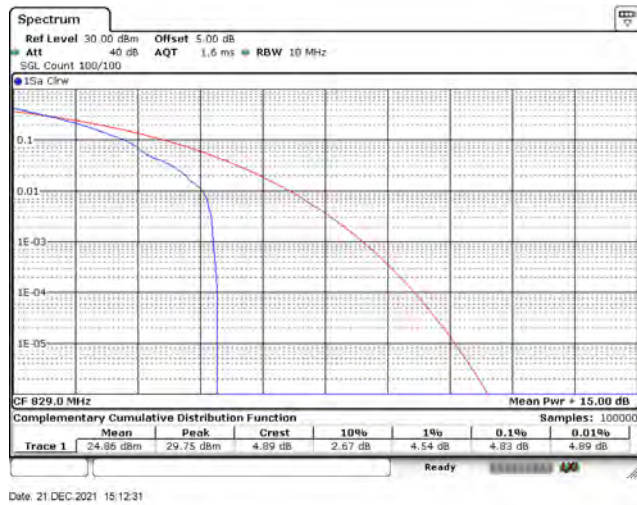


16-QAM / CH27015 / 5 MHz / 1RB12 / Ratio

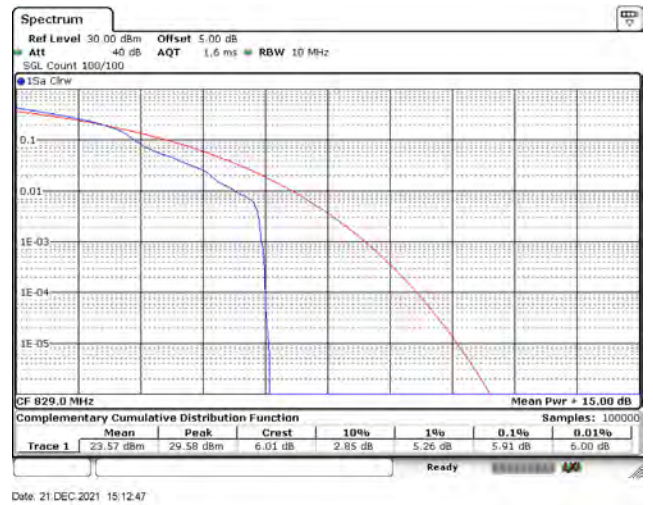


LTE Band 26

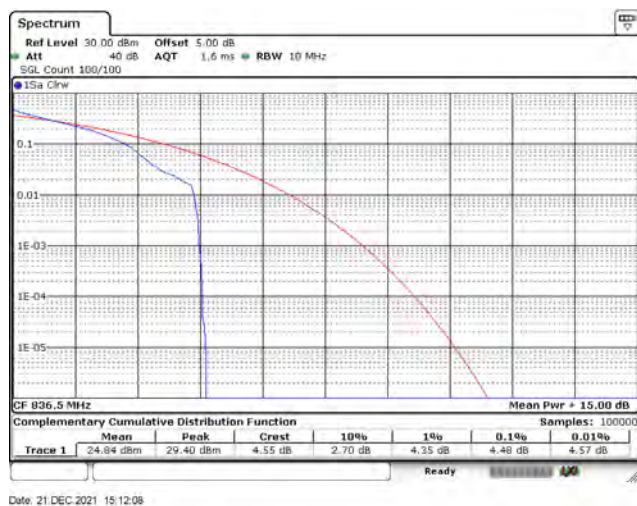
QPSK / CH26840 / 10 MHz / 1RB24 / Ratio



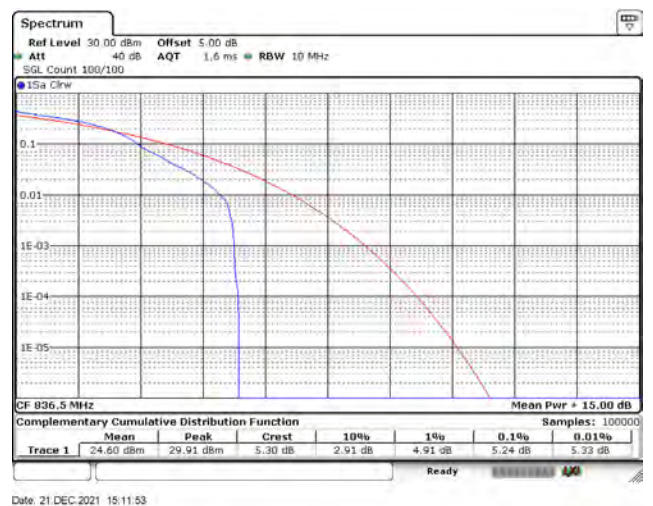
16-QAM / CH26840 / 10 MHz / 1RB24 / Ratio



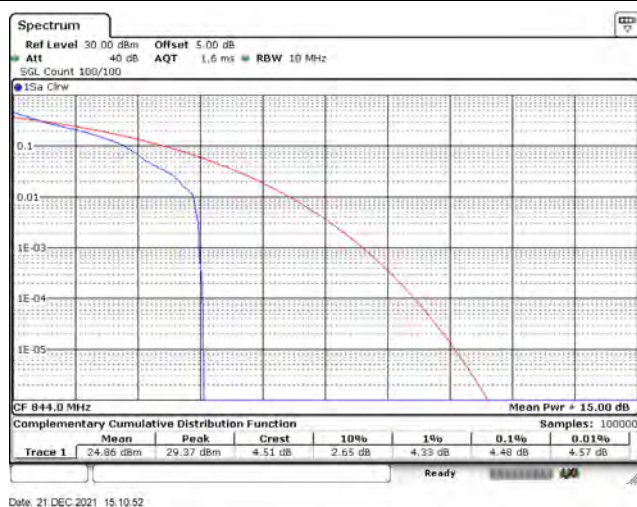
QPSK / CH26915 / 10 MHz / 1RB24 / Ratio



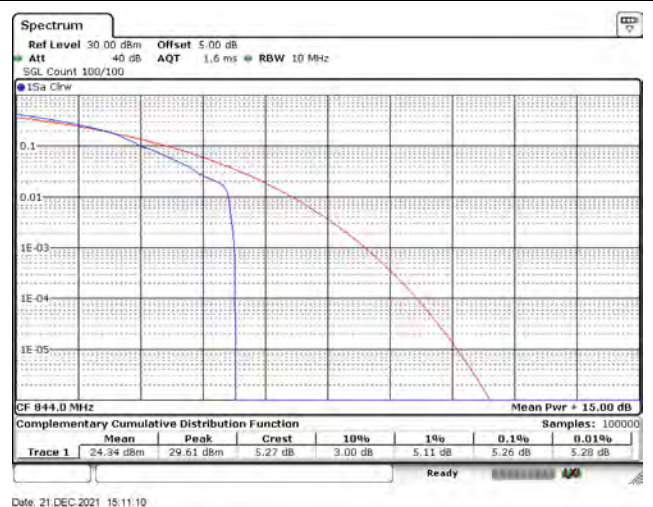
16-QAM / CH26915 / 10 MHz / 1RB24 / Ratio



QPSK / CH26990 / 10 MHz / 1RB24 / Ratio

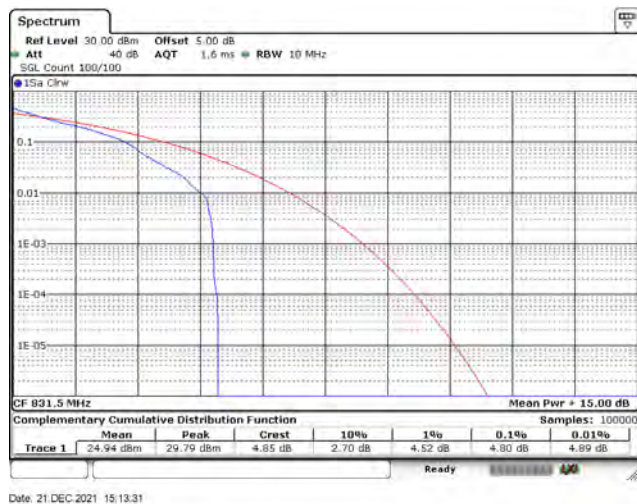


16-QAM / CH26990 / 10 MHz / 1RB24 / Ratio

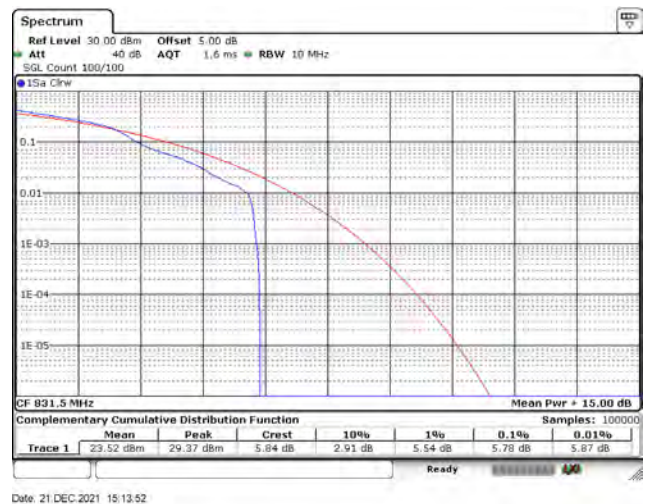


LTE Band 26

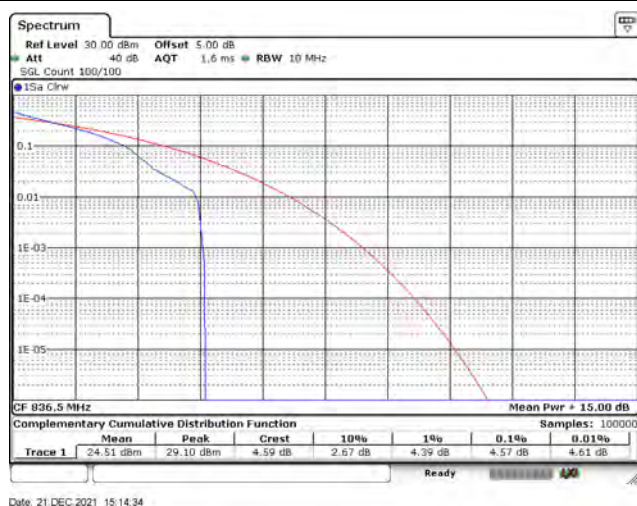
QPSK / CH26865 / 15 MHz / 1RB37 / Ratio



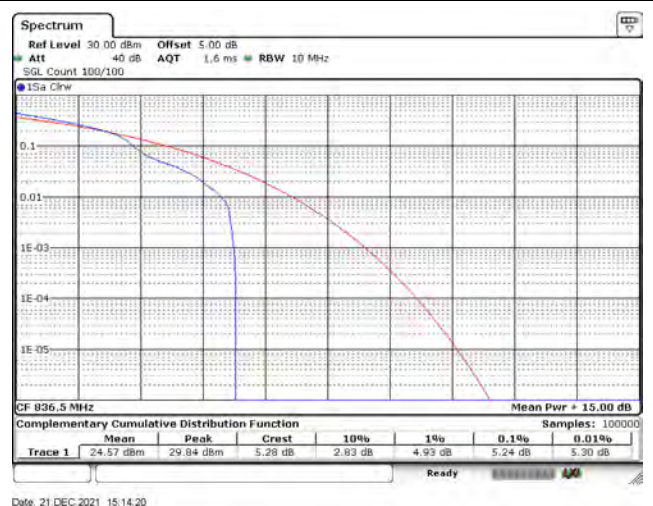
16-QAM / CH26865 / 15 MHz / 1RB37 / Ratio



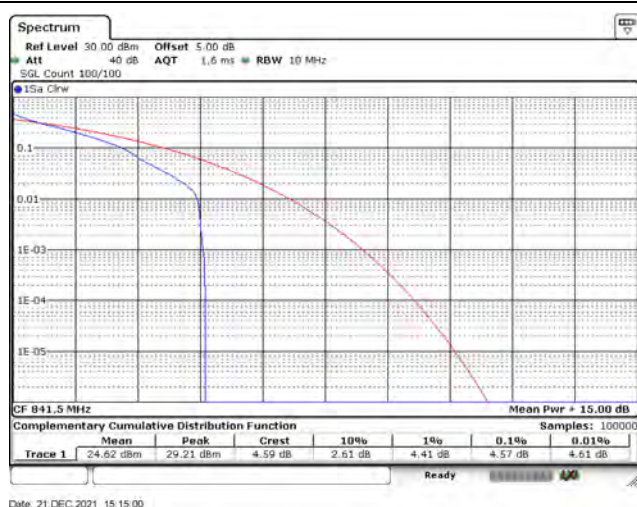
QPSK / CH26915 / 15 MHz / 1RB37 / Ratio



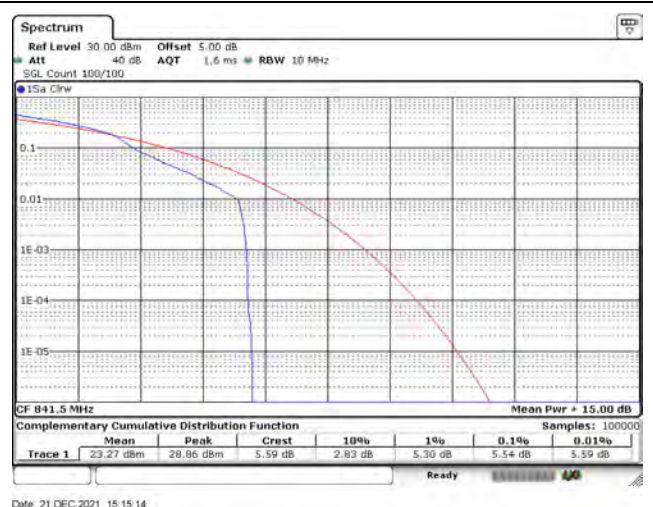
16-QAM / CH26915 / 15 MHz / 1RB37 / Ratio



QPSK / CH26965 / 15 MHz / 1RB37 / Ratio



16-QAM / CH26965 / 15 MHz / 1RB37 / Ratio

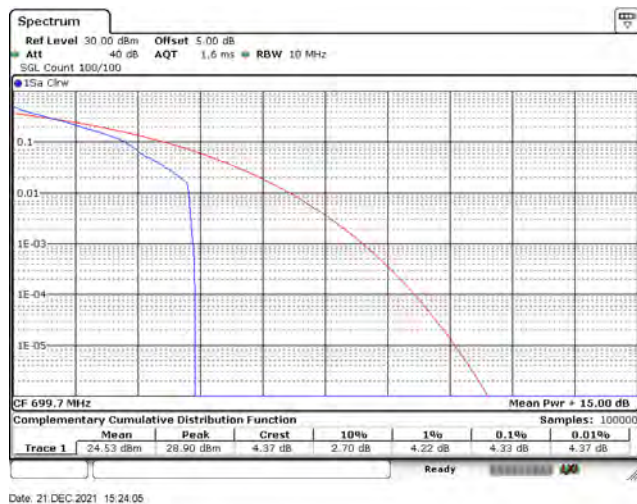


Mode 4: LTE Band 12

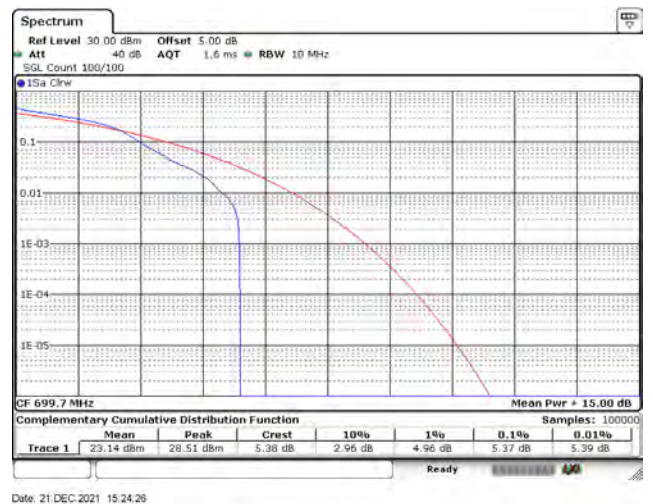
BW	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4 MHz	23017	699.7	QPSK	28.90	24.53	4.33
			16-QAM	28.51	23.14	5.37
	23097	707.5	QPSK	28.60	24.30	4.30
			16-QAM	28.78	23.70	5.11
	23173	715.3	QPSK	28.18	24.03	4.13
			16-QAM	27.94	23.00	4.93
3 MHz	23025	700.5	QPSK	28.60	24.24	4.39
			16-QAM	28.30	22.79	5.52
	23095	707.5	QPSK	28.41	24.06	4.37
			16-QAM	28.77	23.51	5.28
	23165	714.5	QPSK	28.01	23.88	4.17
			16-QAM	27.81	22.83	4.96
5 MHz	23035	701.5	QPSK	28.61	24.24	4.37
			16-QAM	28.22	22.84	5.39
	23095	707.5	QPSK	28.44	24.11	4.33
			16-QAM	28.43	23.44	4.96
	23155	713.5	QPSK	28.15	23.91	4.24
			16-QAM	28.02	22.86	5.20
10 MHz	23060	704	QPSK	28.55	24.17	4.35
			16-QAM	28.54	23.21	5.30
	23095	707.5	QPSK	28.47	24.16	4.26
			16-QAM	28.68	23.39	5.24
	23130	711	QPSK	28.46	24.08	4.35
			16-QAM	28.04	22.77	5.22

LTE Band 12

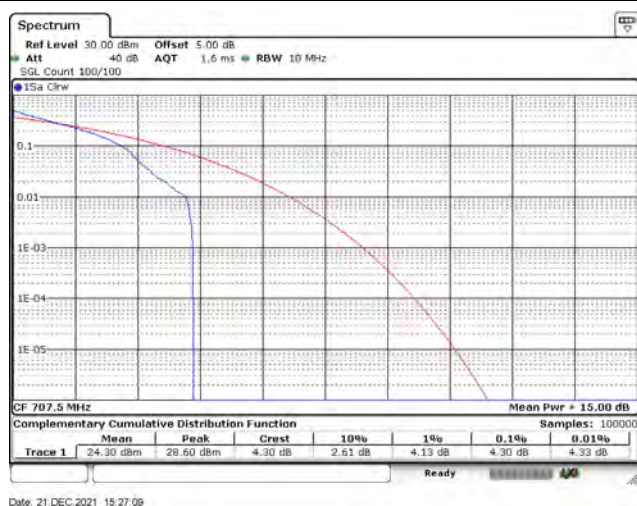
QPSK / CH23017 / 1.4 MHz / 1RB2 / Ratio



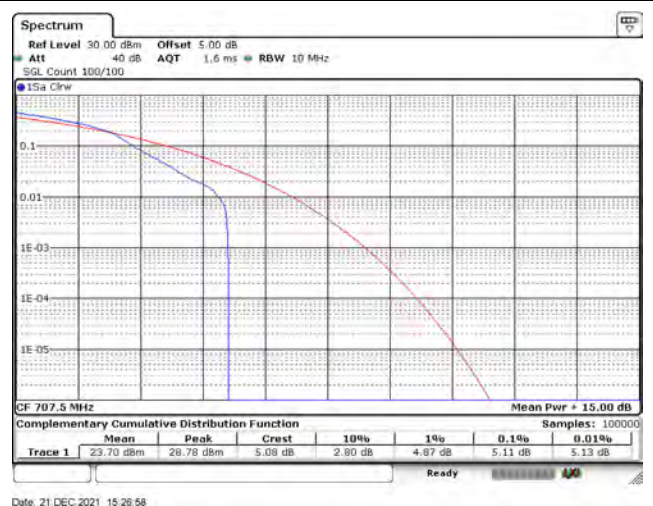
16-QAM / CH23017 / 1.4 MHz / 1RB2 / Ratio



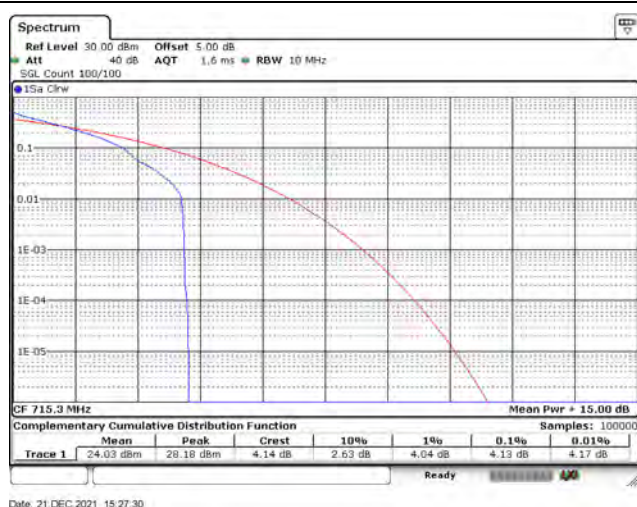
QPSK / CH23095 / 1.4 MHz / 1RB2 / Ratio



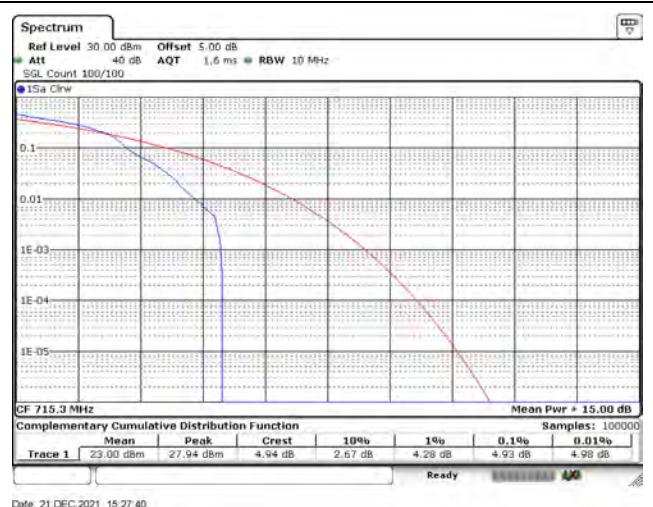
16-QAM / CH23095 / 1.4 MHz / 1RB2 / Ratio



QPSK / CH23173 / 1.4 MHz / 1RB2 / Ratio

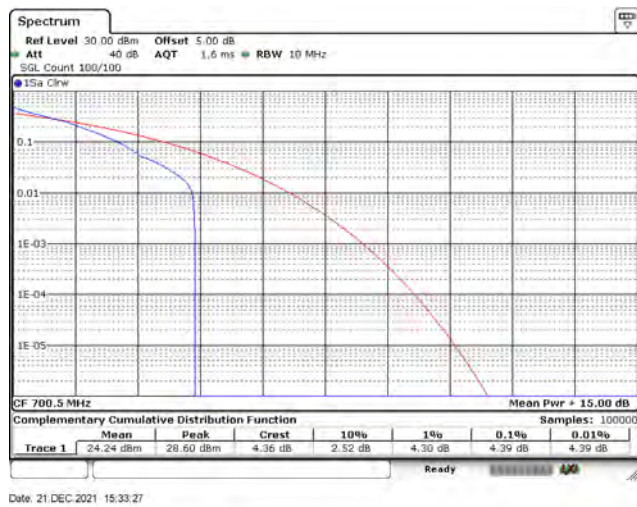


16-QAM / CH23173 / 1.4 MHz / 1RB2 / Ratio

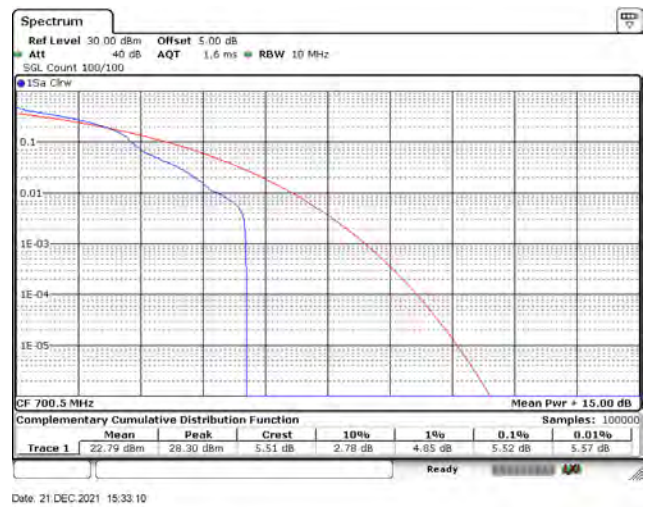


LTE Band 12

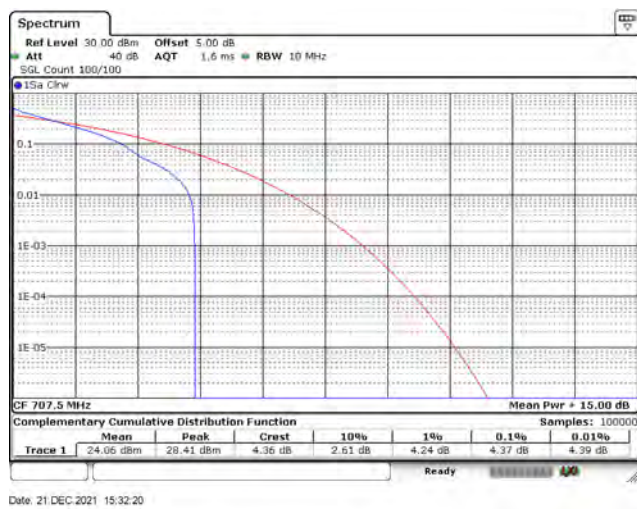
QPSK / CH23025 / 3 MHz / 1RB7 / Ratio



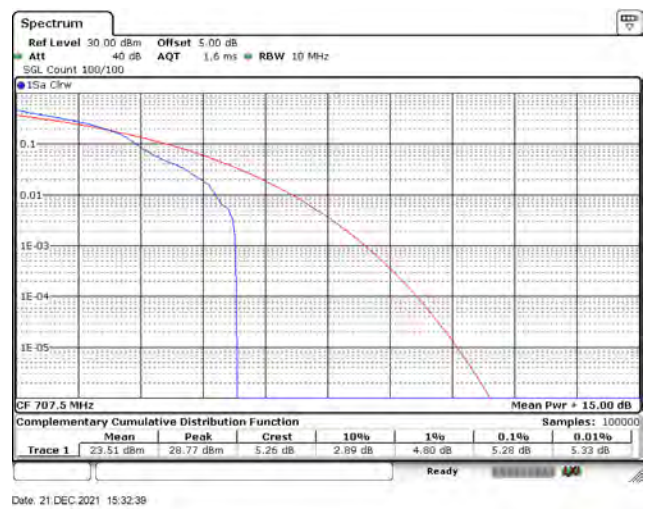
16-QAM / CH23025 / 3 MHz / 1RB7 / Ratio



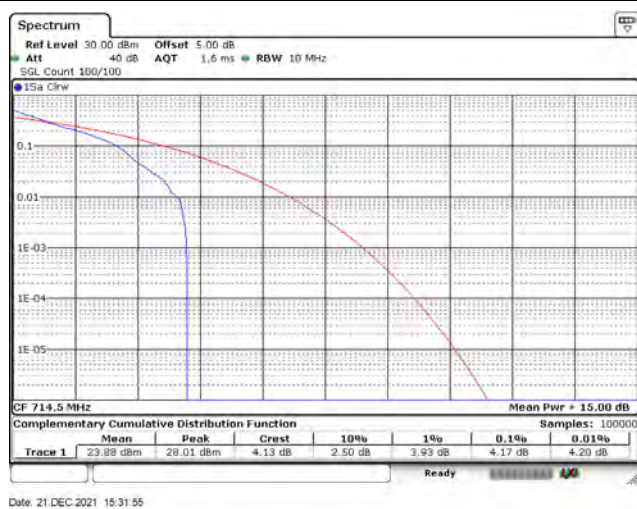
QPSK / CH23095 / 3 MHz / 1RB7 / Ratio



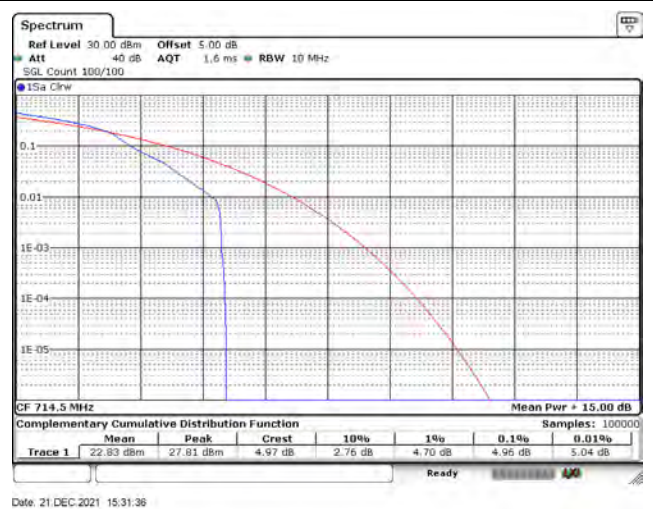
16-QAM / CH23095 / 3 MHz / 1RB7 / Ratio



QPSK / CH23165 / 3 MHz / 1RB7 / Ratio

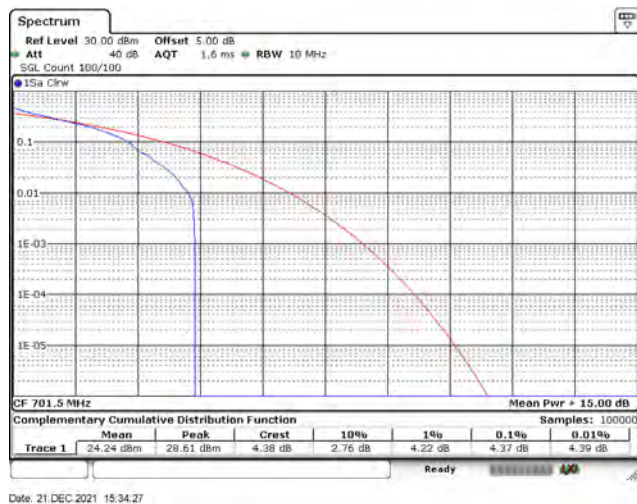


16-QAM / CH23165 / 3 MHz / 1RB7 / Ratio

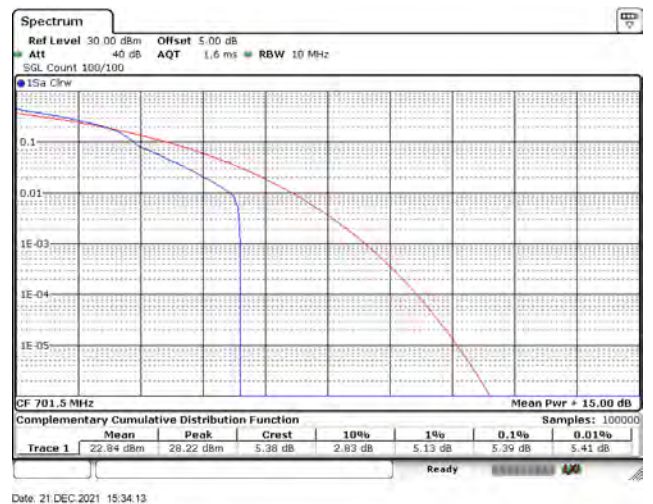


LTE Band 12

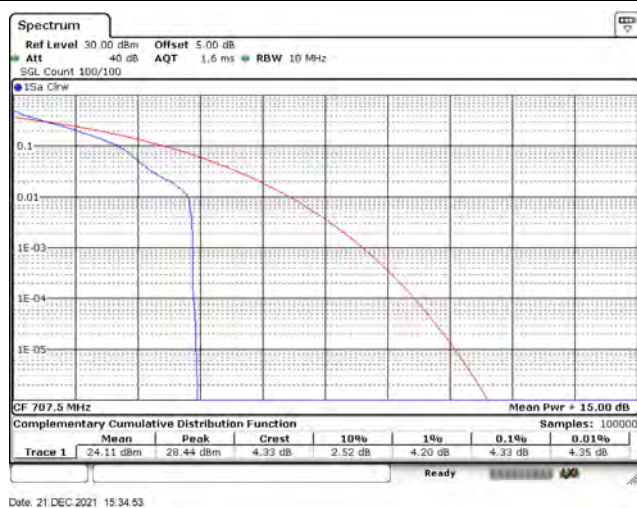
QPSK / CH23035 / 5 MHz / 1RB12 / Ratio



16-QAM / CH23035 / 5 MHz / 1RB12 / Ratio



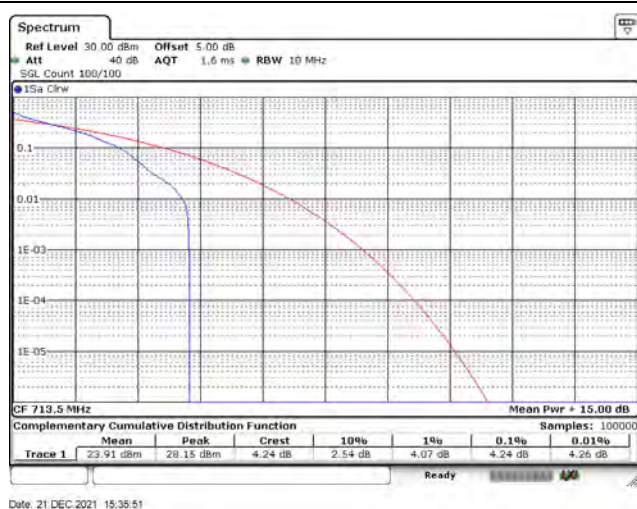
QPSK / CH23095 / 5 MHz / 1RB12 / Ratio



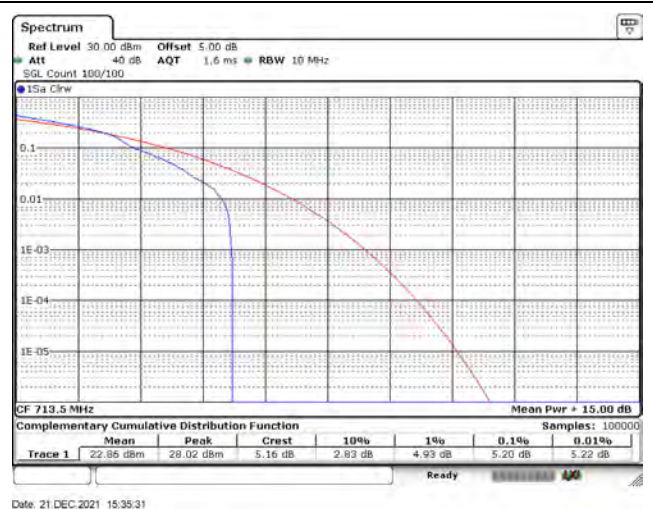
16-QAM / CH23095 / 5 MHz / 1RB12 / Ratio



QPSK / CH23155 / 5 MHz / 1RB12 / Ratio

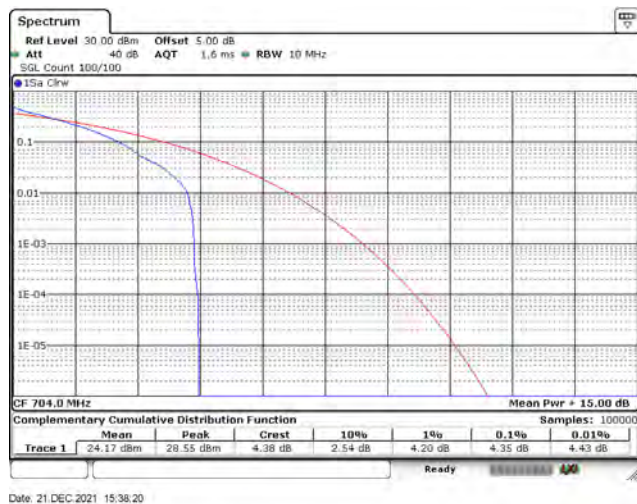


16-QAM / CH23155 / 5 MHz / 1RB12 / Ratio

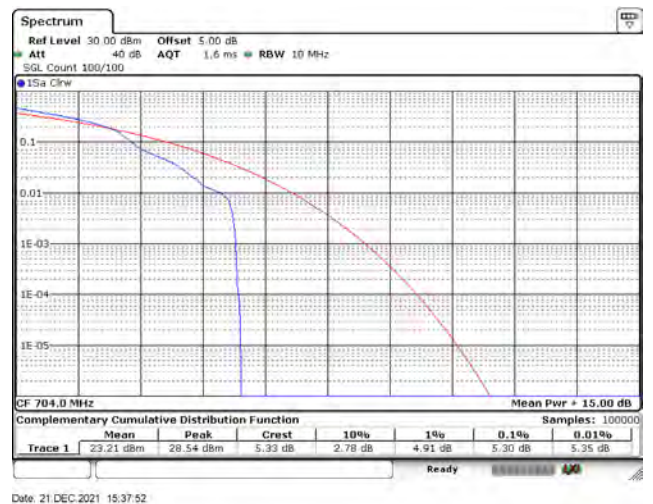


LTE Band 12

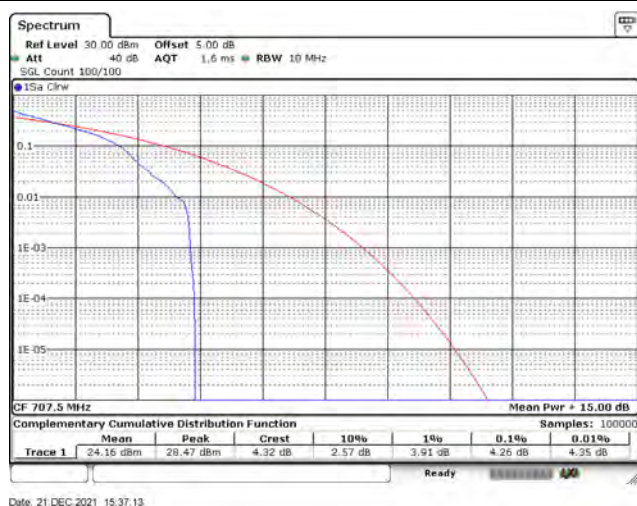
QPSK / CH23060 / 10 MHz / 1RB24 / Ratio



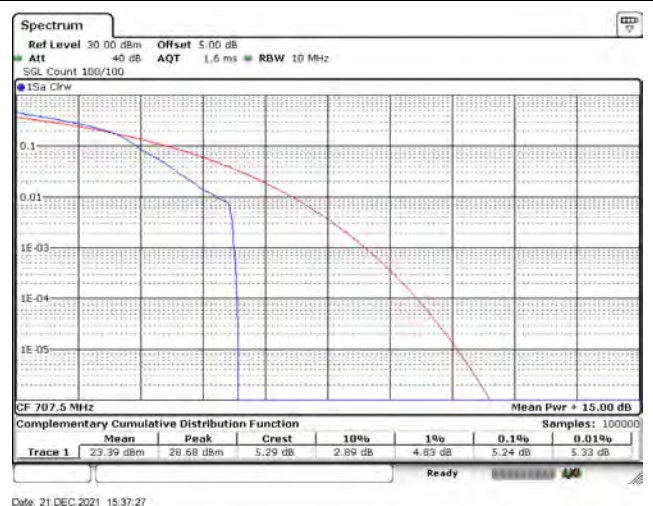
16-QAM / CH23060 / 10 MHz / 1RB24 / Ratio



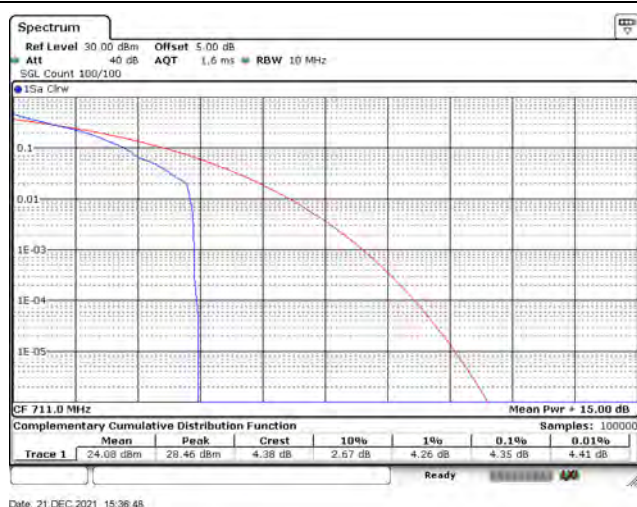
QPSK / CH23095 / 10 MHz / 1RB24 / Ratio



16-QAM / CH23095 / 10 MHz / 1RB24 / Ratio



QPSK / CH23130 / 10 MHz / 1RB24 / Ratio



16-QAM / CH23130 / 10 MHz / 1RB24 / Ratio

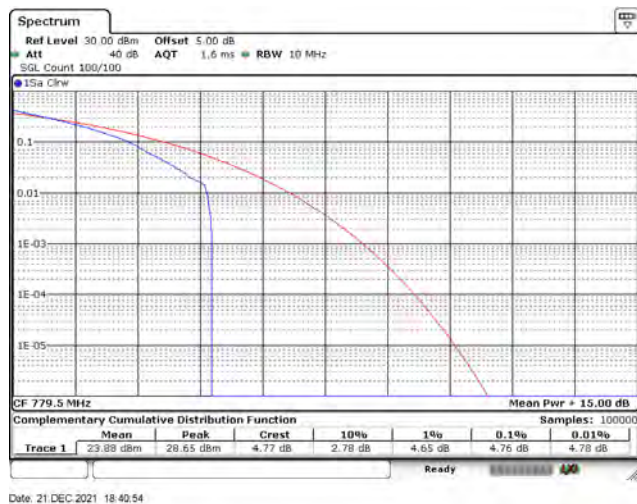


Mode 5: LTE Band 13

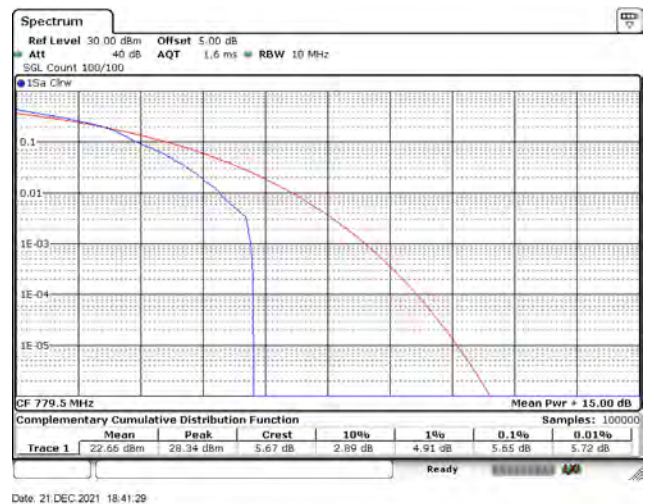
BW	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
5 MHz	23205	779.5	QPSK	28.65	23.88	4.76
			16-QAM	28.34	22.66	5.65
	23230	782	QPSK	28.50	23.68	4.78
			16-QAM	28.28	22.54	5.74
	23255	784.5	QPSK	28.67	23.89	4.76
			16-QAM	28.85	23.15	5.67
10 MHz	23230	782	QPSK	28.69	23.82	4.85
			16-QAM	28.58	22.72	5.80

LTE Band 13

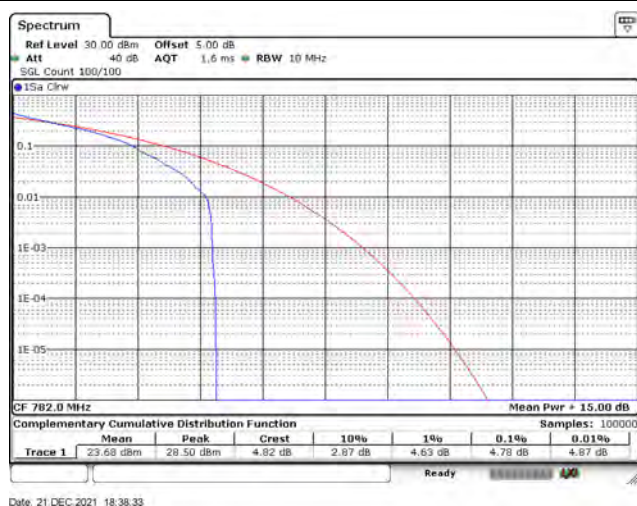
QPSK / CH23205 / 5 MHz / 1RB12 / Ratio



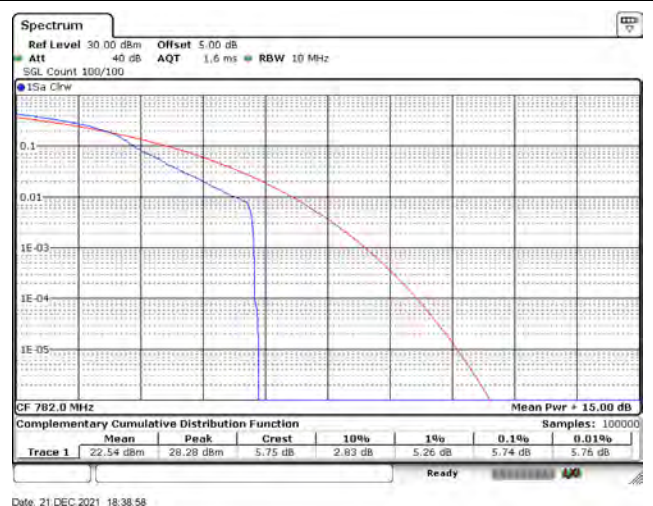
16-QAM / CH23205 / 5 MHz / 1RB12 / Ratio



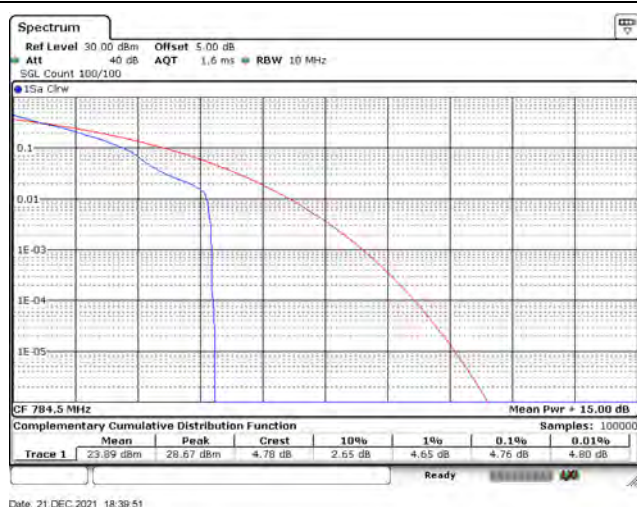
QPSK / CH23230 / 5 MHz / 1RB12 / Ratio



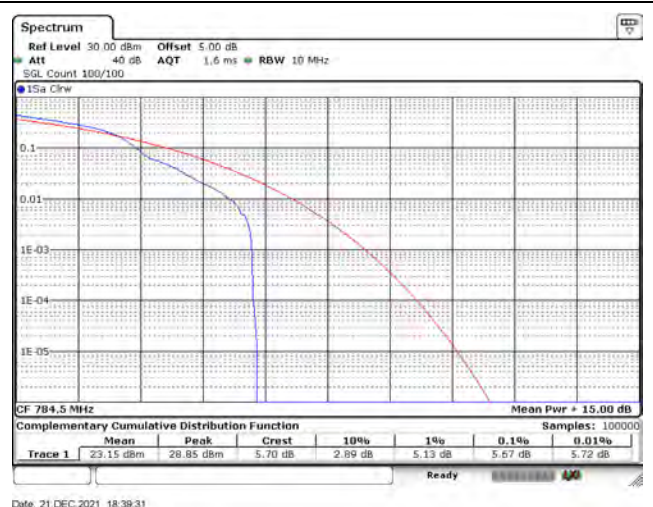
16-QAM / CH23230 / 5 MHz / 1RB12 / Ratio



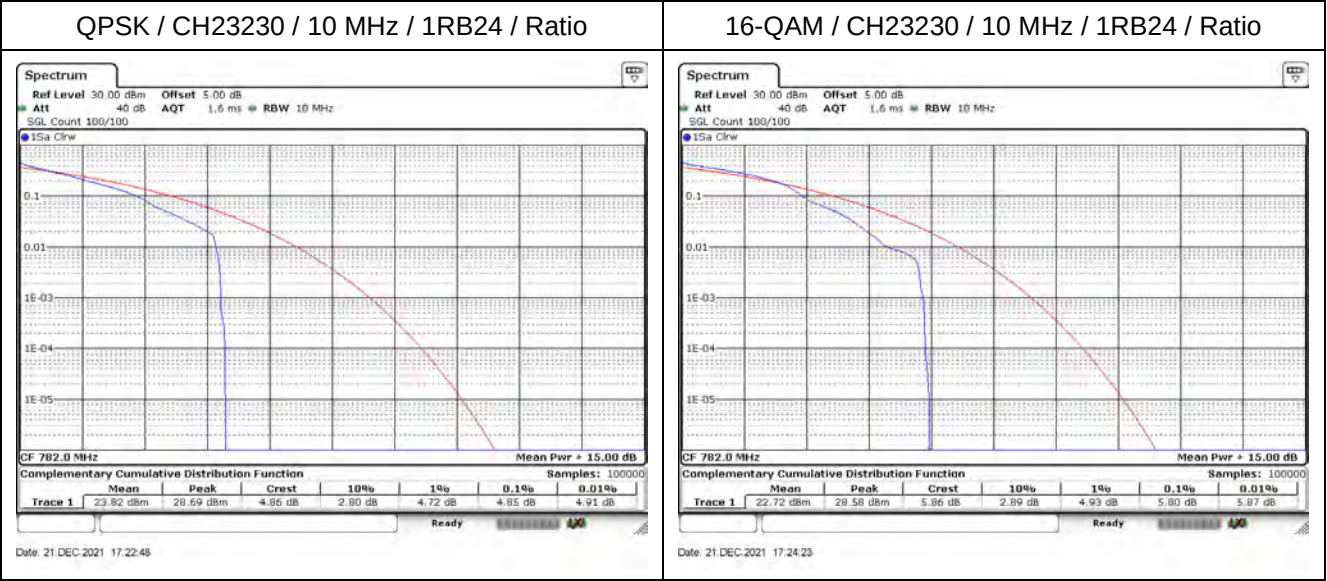
QPSK / CH23255 / 5 MHz / 1RB12 / Ratio



16-QAM / CH23255 / 5 MHz / 1RB12 / Ratio



LTE Band 13

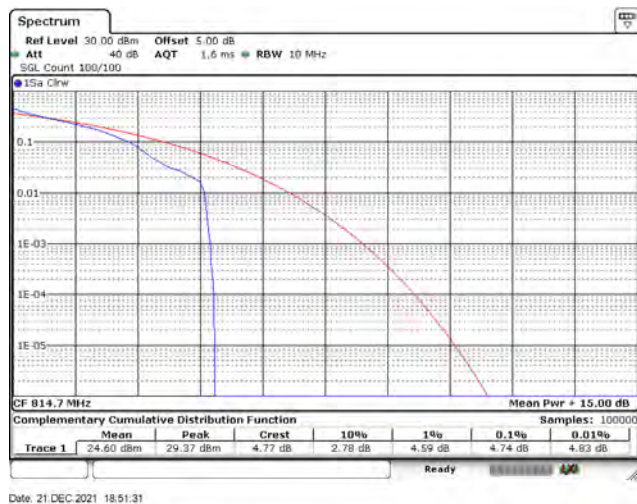


Mode 6: LTE Band 26 (Part 90)

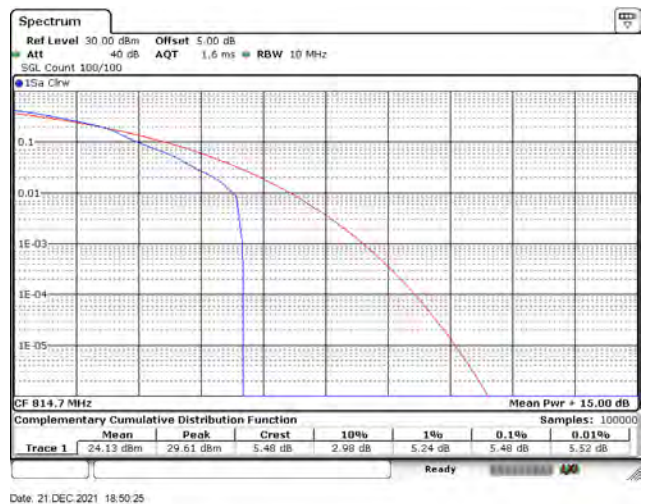
BW	Channel	Freq. (MHz)	Modulation	Peak (dBm)	Average (dBm)	PAPR (dB)
1.4 MHz	26697	814.7	QPSK	29.37	24.60	4.74
			16-QAM	29.61	24.13	5.48
	26740	819	QPSK	29.27	24.79	4.46
			16-QAM	29.05	23.35	5.67
	26783	823.3	QPSK	29.41	24.74	4.63
			16-QAM	29.50	23.71	5.74
3 MHz	26705	815.5	QPSK	29.22	24.50	4.72
			16-QAM	28.92	23.23	5.65
	26740	819	QPSK	29.06	24.53	4.54
			16-QAM	29.81	24.48	5.33
	26775	822.5	QPSK	29.24	24.60	4.65
			16-QAM	29.14	23.51	5.63
5 MHz	26715	816.5	QPSK	28.93	24.19	4.76
			16-QAM	28.55	22.86	5.67
	26740	819	QPSK	29.17	24.55	4.61
			16-QAM	28.89	23.29	5.59
	26765	821.5	QPSK	28.96	24.32	4.63
			16-QAM	28.60	22.79	5.78
10 MHz	26740	819	QPSK	29.29	24.70	4.57
			16-QAM	29.24	23.85	5.33

LTE Band 26

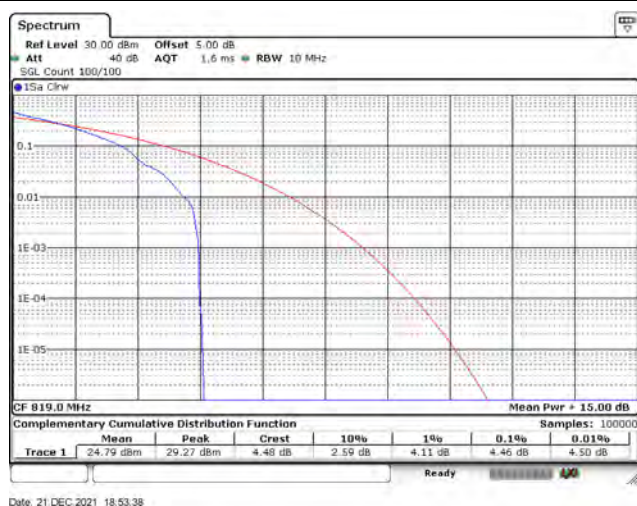
QPSK / CH26697 / 1.4 MHz / 1RB2 / Ratio



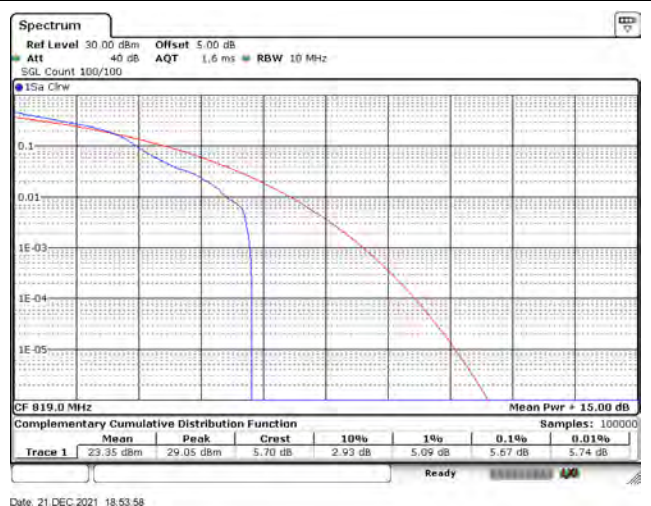
16-QAM / CH26697 / 1.4 MHz / 1RB2 / Ratio



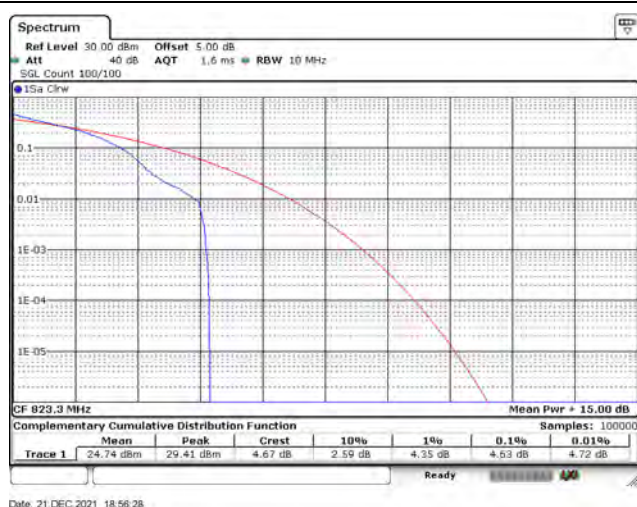
QPSK / CH26740 / 1.4 MHz / 1RB2 / Ratio



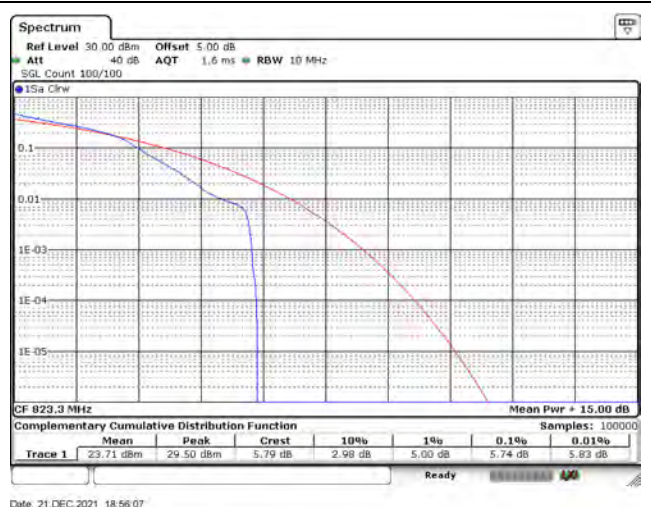
16-QAM / CH26740 / 1.4 MHz / 1RB2 / Ratio



QPSK / CH26783 / 1.4 MHz / 1RB2 / Ratio

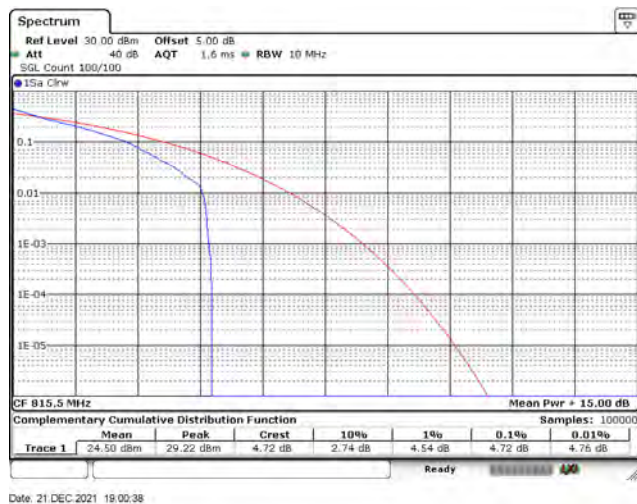


16-QAM / CH26783 / 1.4 MHz / 1RB2 / Ratio

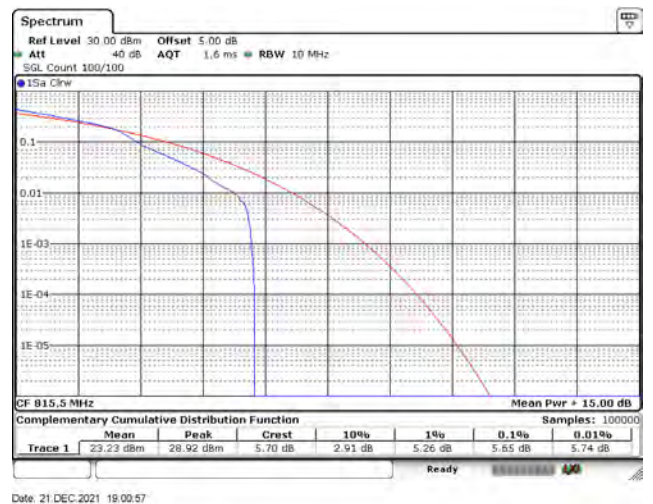


LTE Band 26

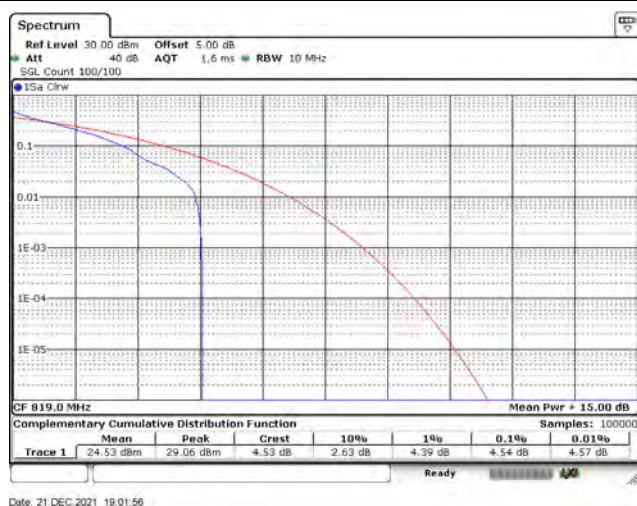
QPSK / CH26705 / 3 MHz / 1RB7 / Ratio



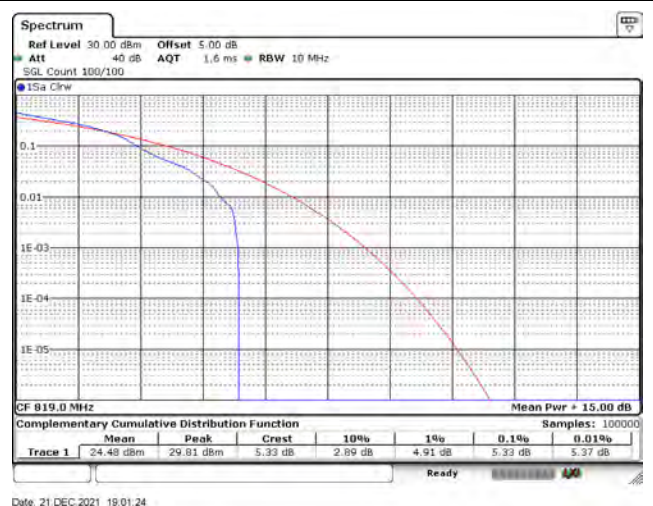
16-QAM / CH26705 / 3 MHz / 1RB7 / Ratio



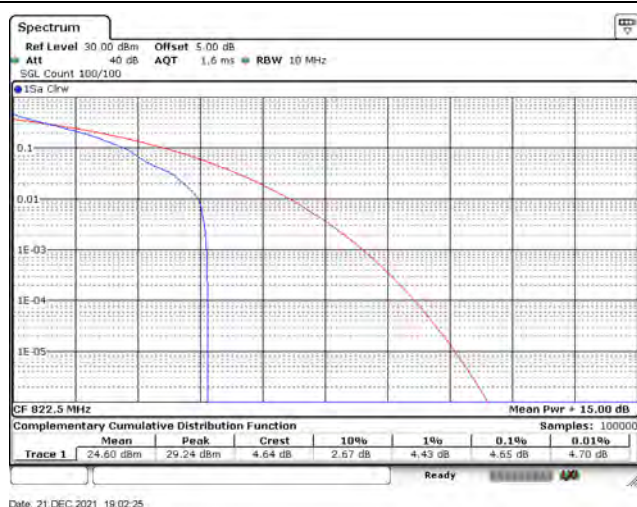
QPSK / CH26740 / 3 MHz / 1RB7 / Ratio



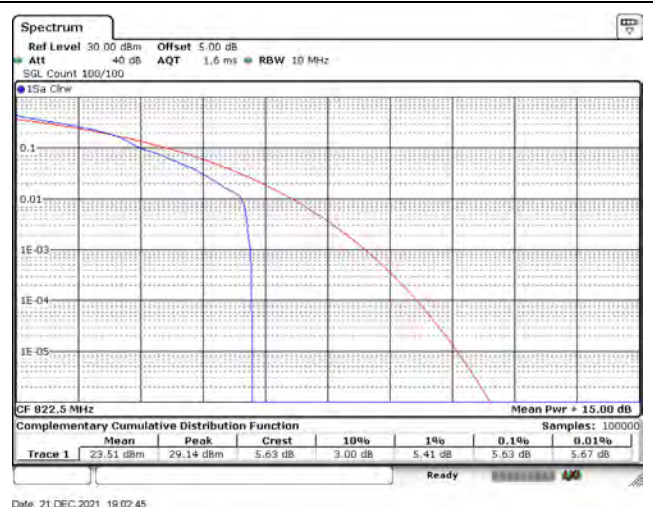
16-QAM / CH26740 / 3 MHz / 1RB7 / Ratio



QPSK / CH26775 / 3 MHz / 1RB7 / Ratio

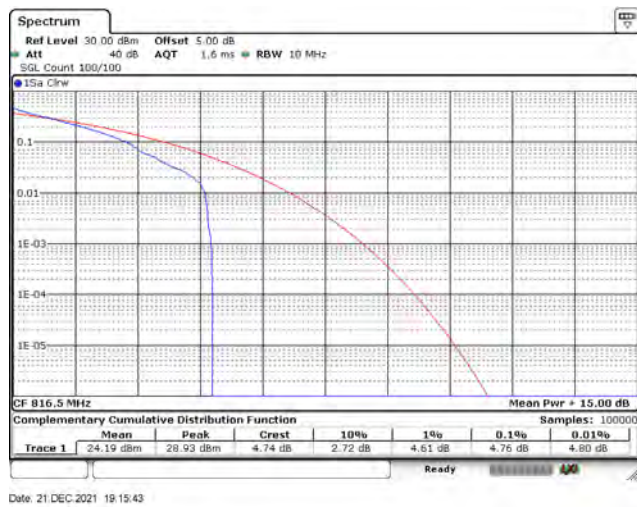


16-QAM / CH26775 / 3 MHz / 1RB7 / Ratio

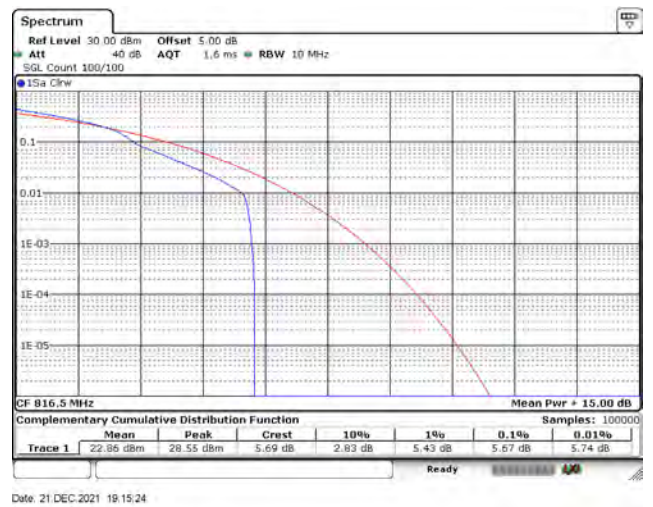


LTE Band 26

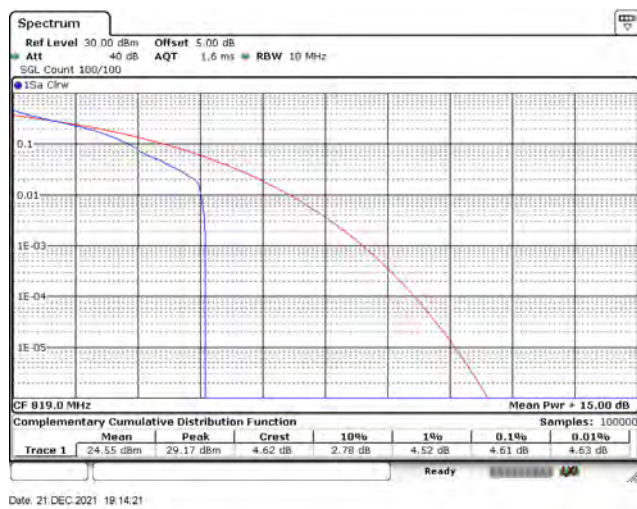
QPSK / CH26715 / 5 MHz / 1RB12 / Ratio



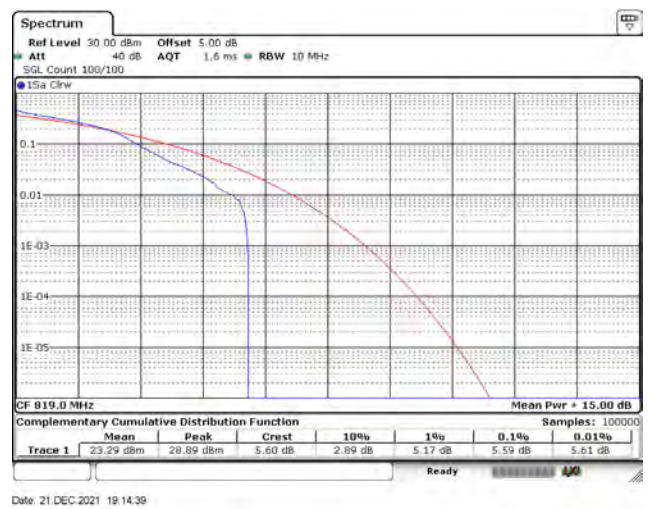
16-QAM / CH26715 / 5 MHz / 1RB12 / Ratio



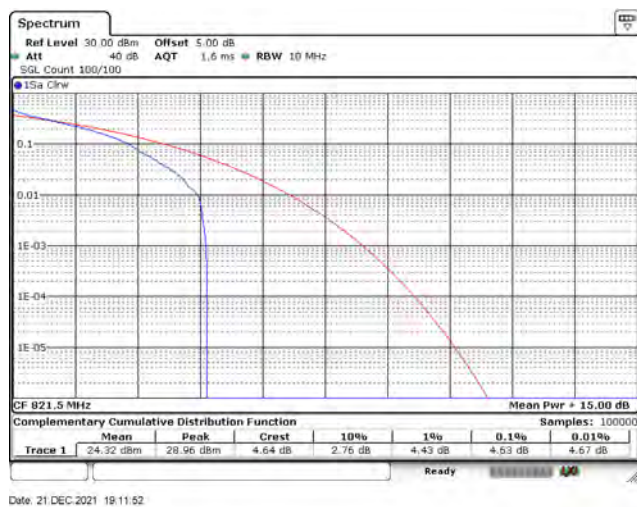
QPSK / CH26740 / 5 MHz / 1RB12 / Ratio



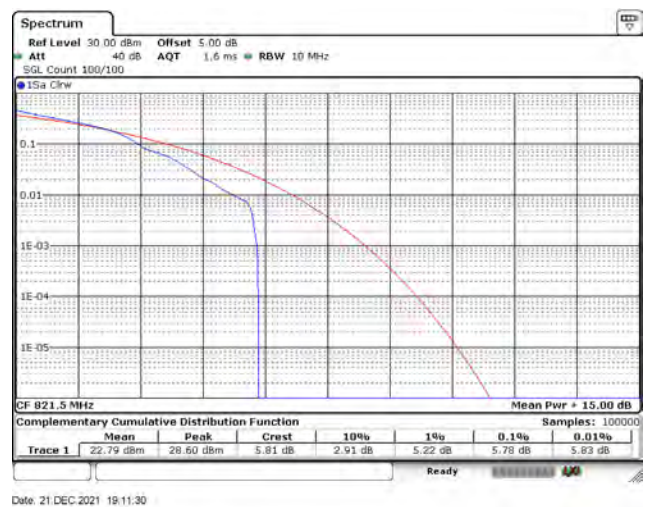
16-QAM / CH26740 / 5 MHz / 1RB12 / Ratio



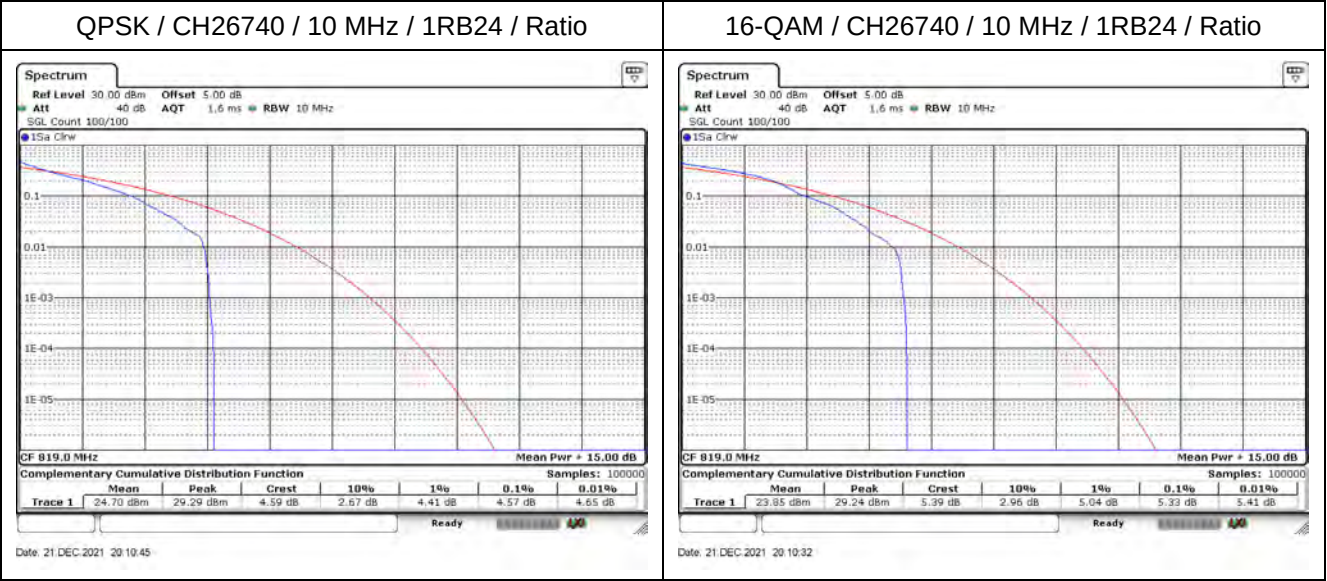
QPSK / CH26765 / 5 MHz / 1RB12 / Ratio



16-QAM / CH26765 / 5 MHz / 1RB12 / Ratio



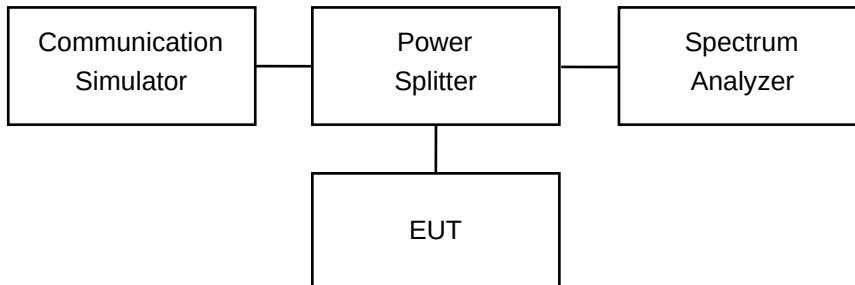
LTE Band 26



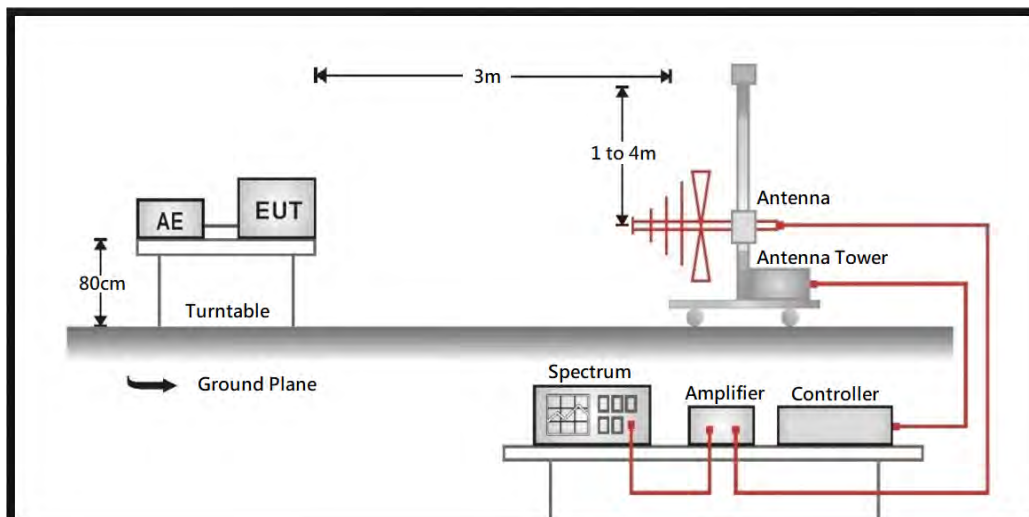
6. Spurious Emissions

6.1. Test Setup

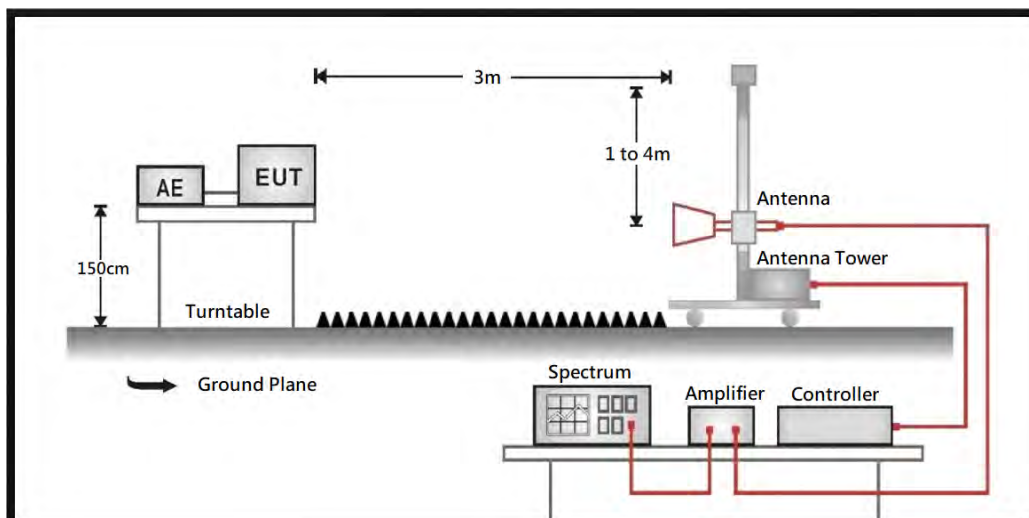
Conducted Spurious Measurement



Radiated Spurious Measurement: Below 1GHz



Radiated Spurious Measurement: Above 1GHz



6.2. Test Procedure

Conducted Spurious Measurement:

The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement. The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic.

Radiated Spurious Measurement:

The EUT and its simulators are placed on a turn table which is 0.8 or 1.5 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations. The resolution bandwidth of the spectrum analyzer was set at 1 MHz, sufficient scans were taken to show the out of band Emission if any up to 10th harmonic. Taking the record of maximum spurious emission.

6.3. Test Methodology and Reference Procedures

KDB 971168 D01 Power Meas License Digital Systems v03r01

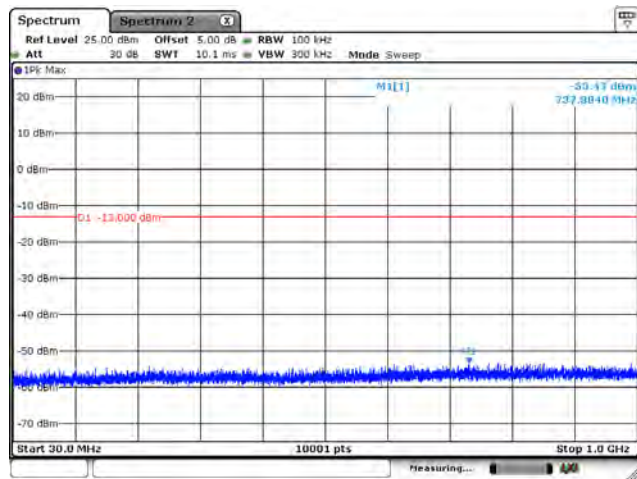
ANSI C63.26-2015

6.4. Test Result of Conducted Spurious Emission

Mode 1: LTE Band 2/25

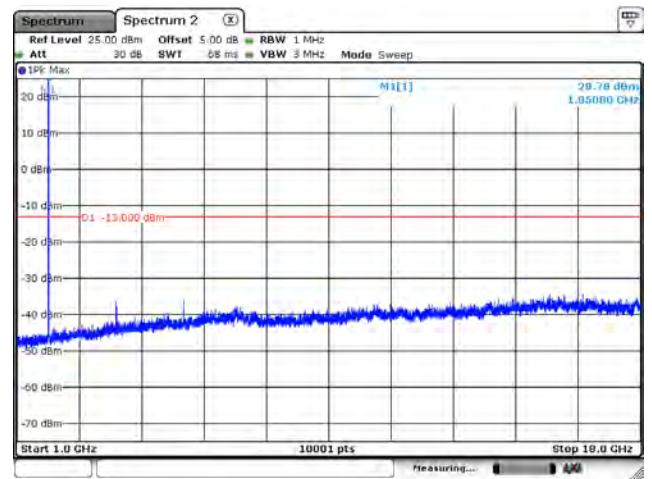
LTE Band 25

QPSK / CH26047 / 1.4 MHz / 1RB0 (Below 1GHz)



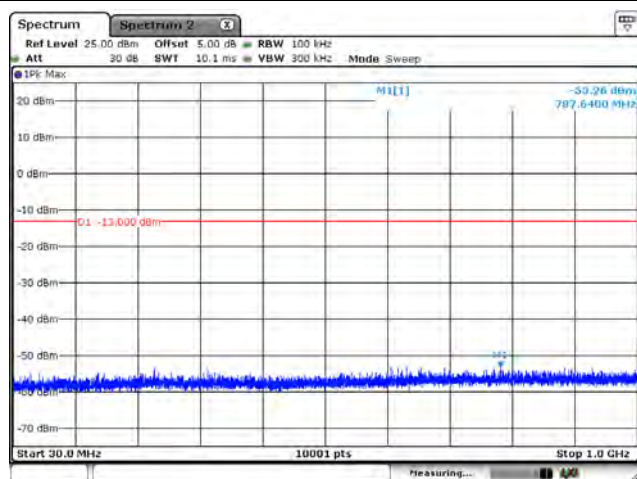
Date: 18 DEC 2021 14:41:11

QPSK / CH26047 / 1.4 MHz / 1RB0 (Above 1GHz)



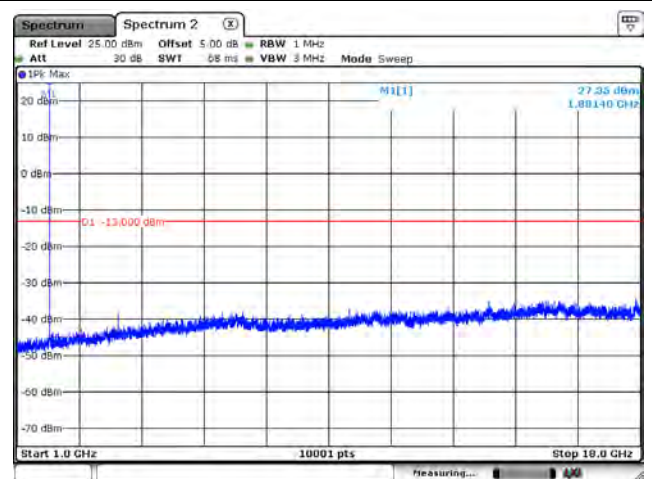
Date: 18 DEC 2021 14:42:58

QPSK / CH26365 / 1.4 MHz / 1RB0 (Below 1GHz)



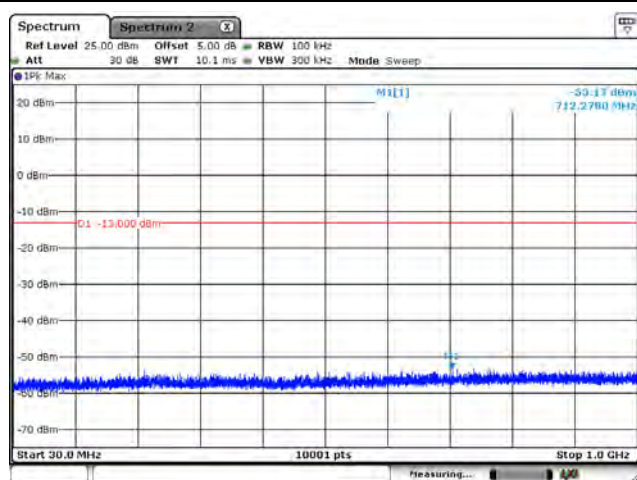
Date: 18 DEC 2021 14:50:51

QPSK / CH26365 / 1.4 MHz / 1RB0 (Above 1GHz)



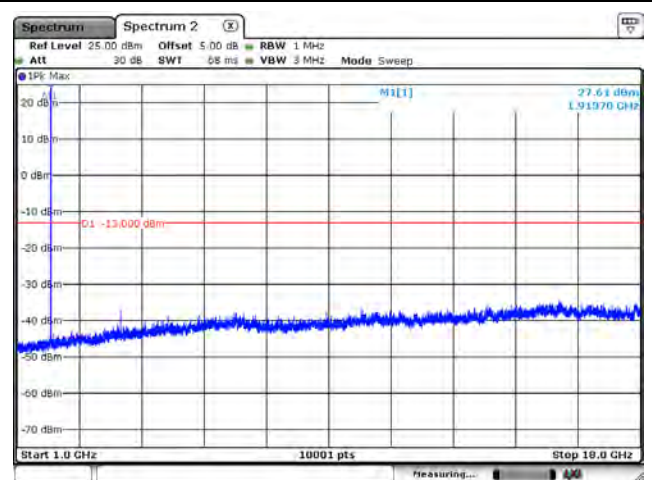
Date: 18 DEC 2021 14:50:30

QPSK / CH26683 / 1.4 MHz / 1RB0 (Below 1GHz)



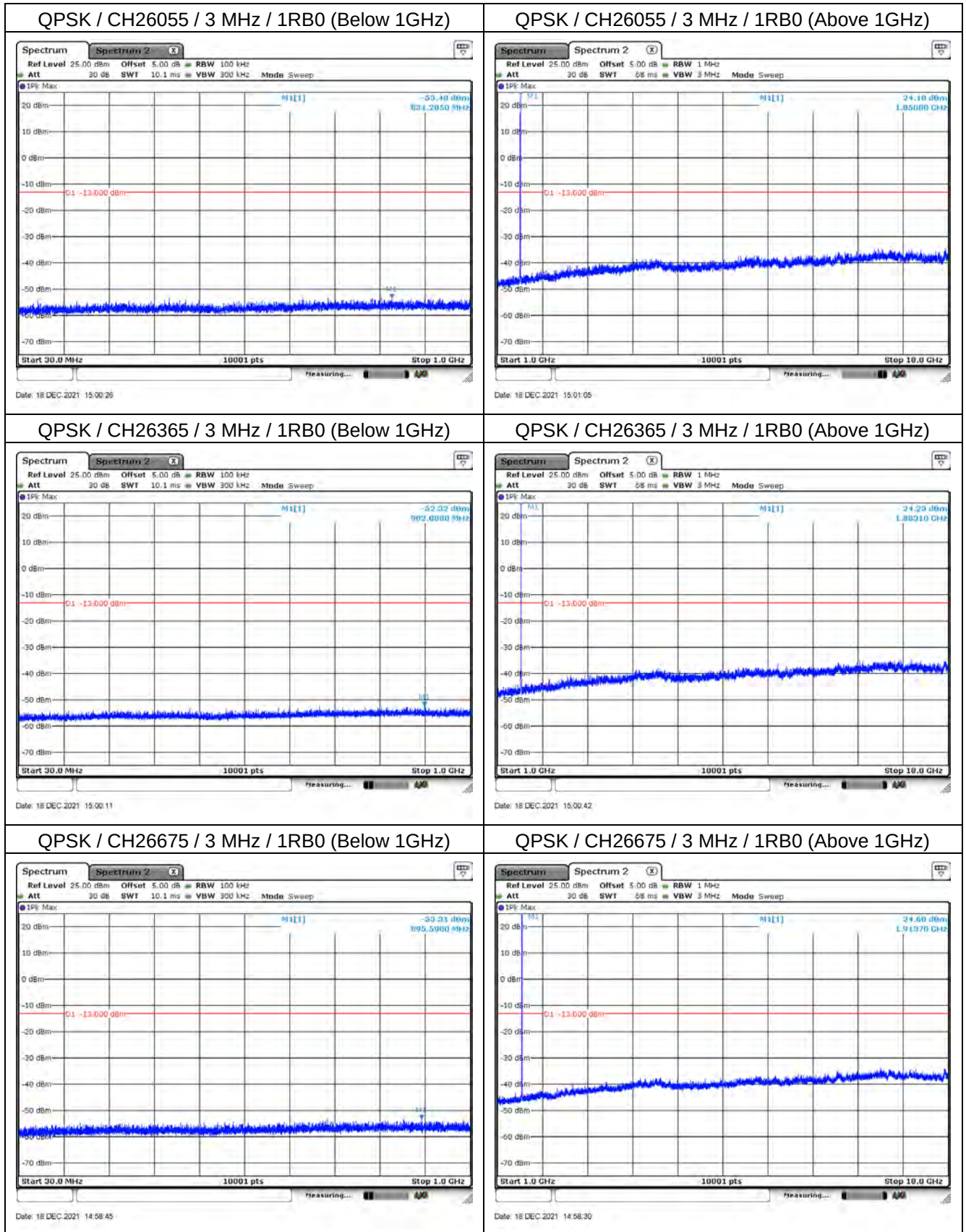
Date: 18 DEC 2021 14:55:52

QPSK / CH26683 / 1.4 MHz / 1RB0 (Above 1GHz)



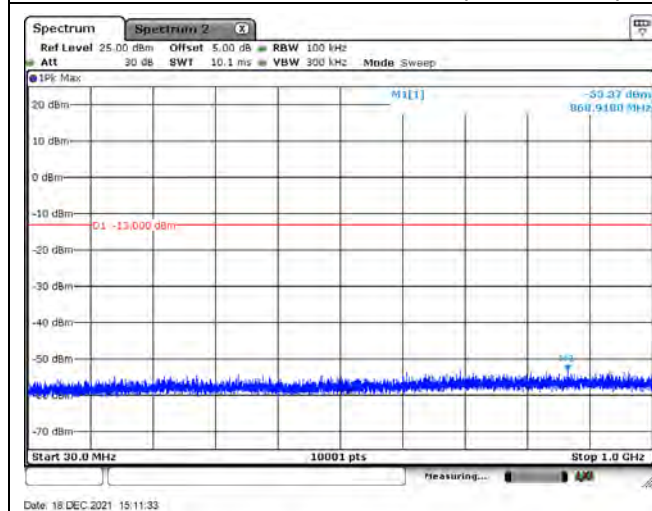
Date: 18 DEC 2021 14:56:58

LTE Band 25

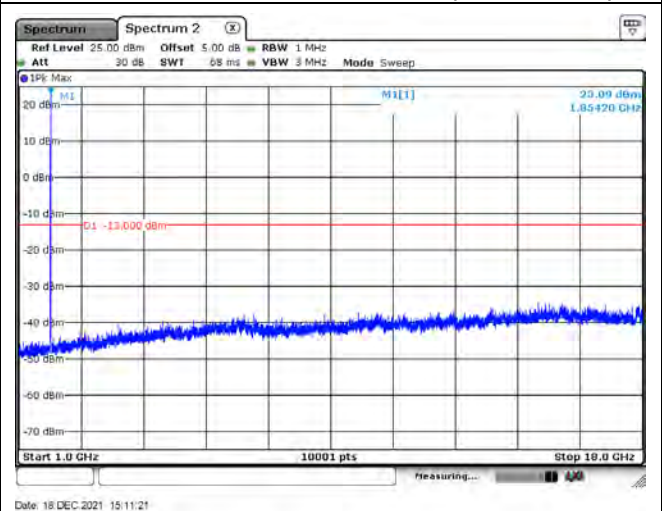


LTE Band 25

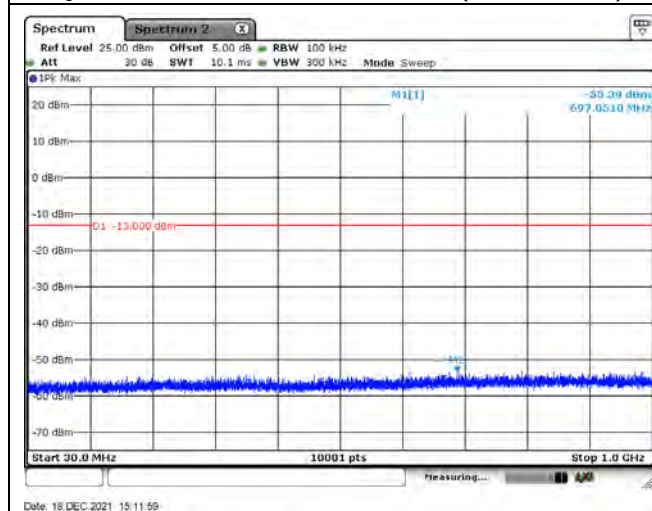
QPSK / CH26065 / 5 MHz / 1RB0 (Below 1GHz)



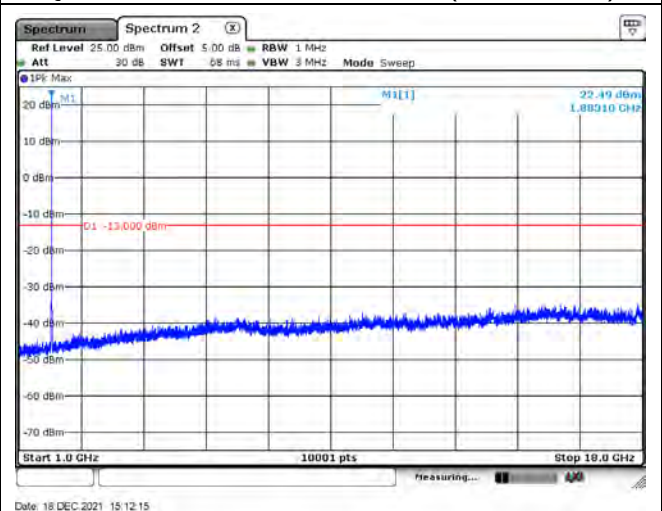
QPSK / CH26065 / 5 MHz / 1RB0 (Above 1GHz)



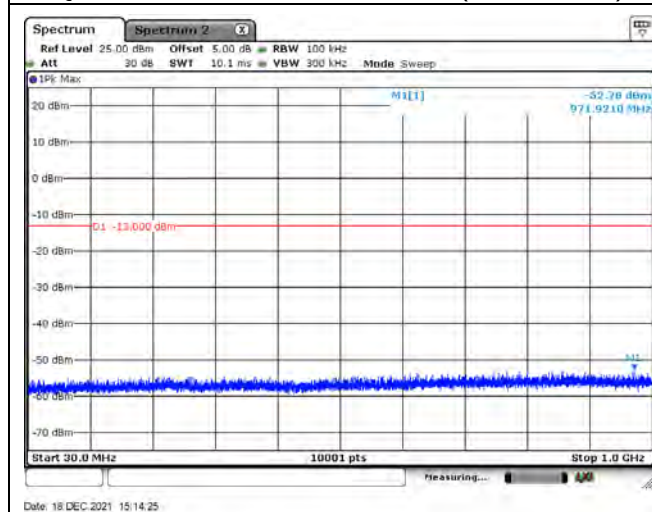
QPSK / CH26365 / 5 MHz / 1RB0 (Below 1GHz)



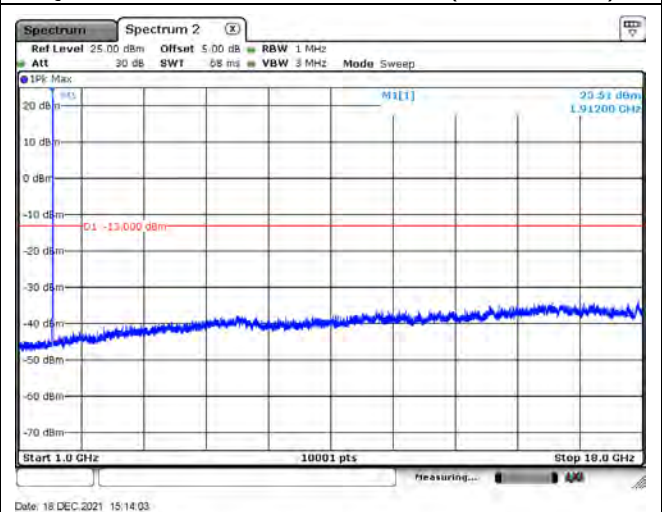
QPSK / CH26365 / 5 MHz / 1RB0 (Above 1GHz)



QPSK / CH26665 / 5 MHz / 1RB0 (Below 1GHz)

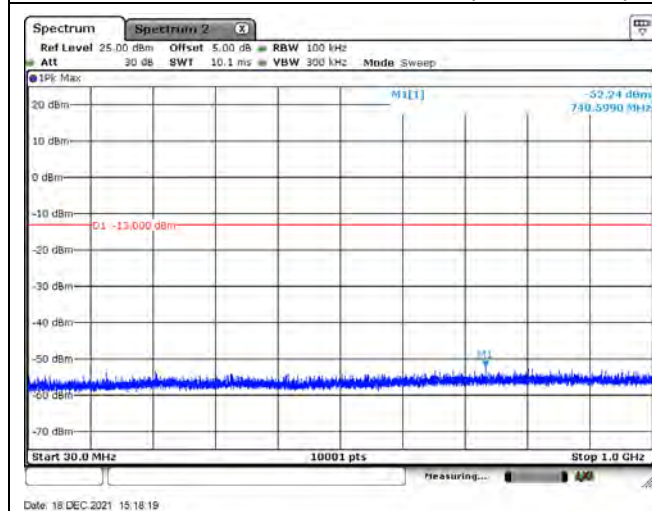


QPSK / CH26665 / 5 MHz / 1RB0 (Above 1GHz)



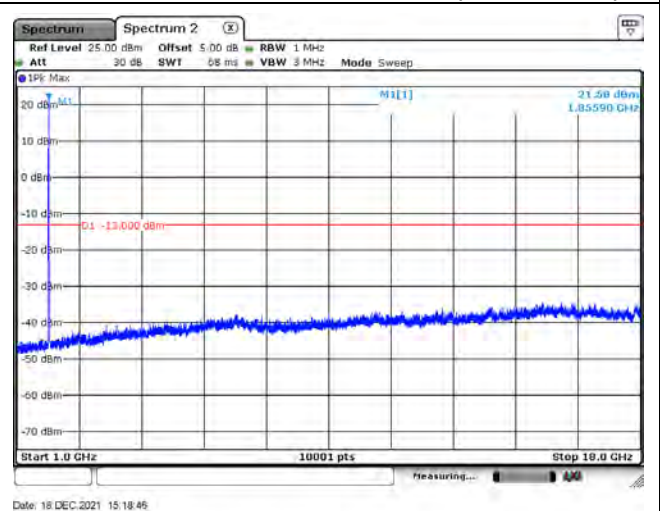
LTE Band 25

QPSK / CH26090 / 10 MHz / 1RB0 (Below 1GHz)



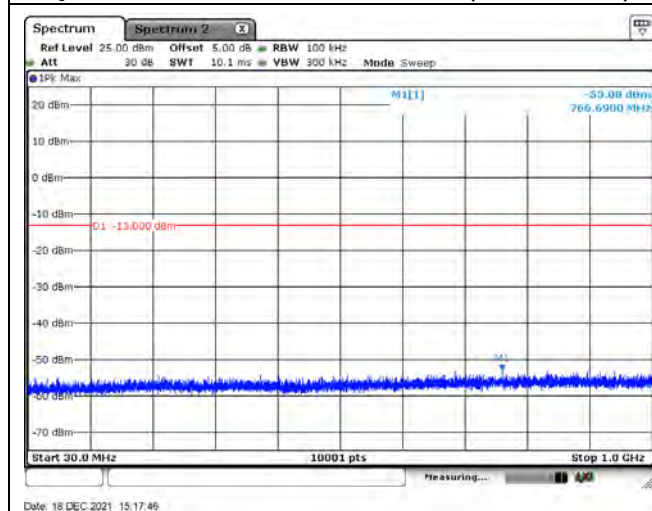
Date: 18 DEC 2021 15:18:19

QPSK / CH26090 / 10 MHz / 1RB0 (Above 1GHz)



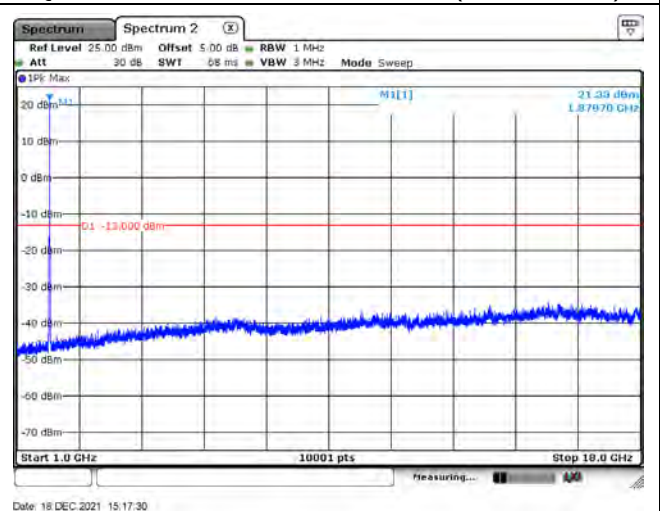
Date: 18 DEC 2021 15:18:45

QPSK / CH26365 / 10 MHz / 1RB0 (Below 1GHz)



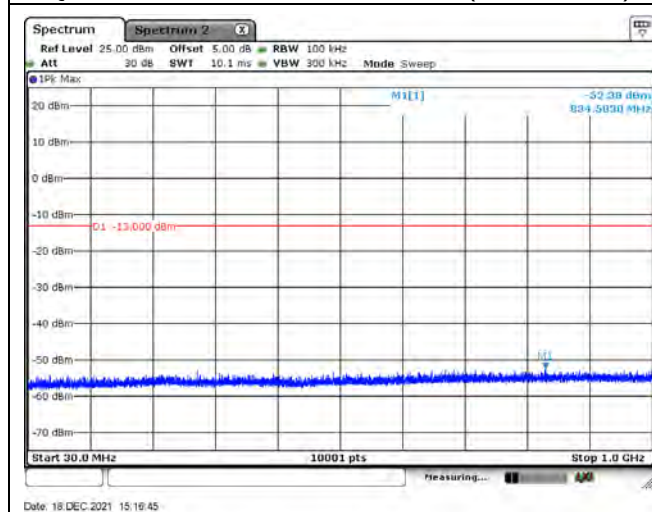
Date: 18 DEC 2021 15:17:46

QPSK / CH26365 / 10 MHz / 1RB0 (Above 1GHz)



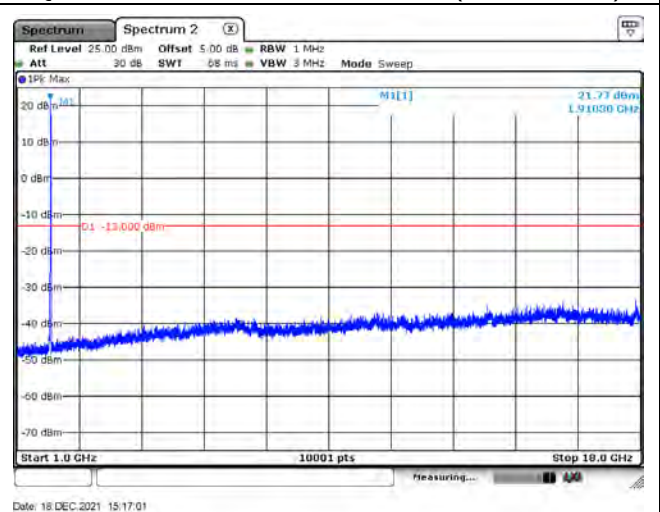
Date: 18 DEC 2021 15:17:30

QPSK / CH26640 / 10 MHz / 1RB0 (Below 1GHz)



Date: 18 DEC 2021 15:16:45

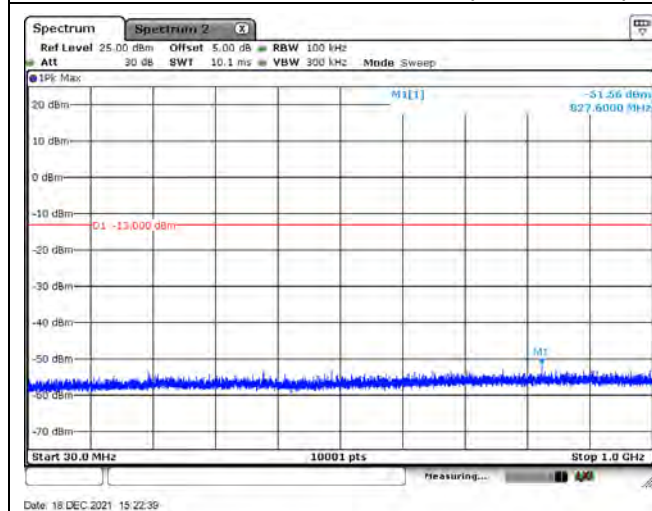
QPSK / CH26640 / 10 MHz / 1RB0 (Above 1GHz)



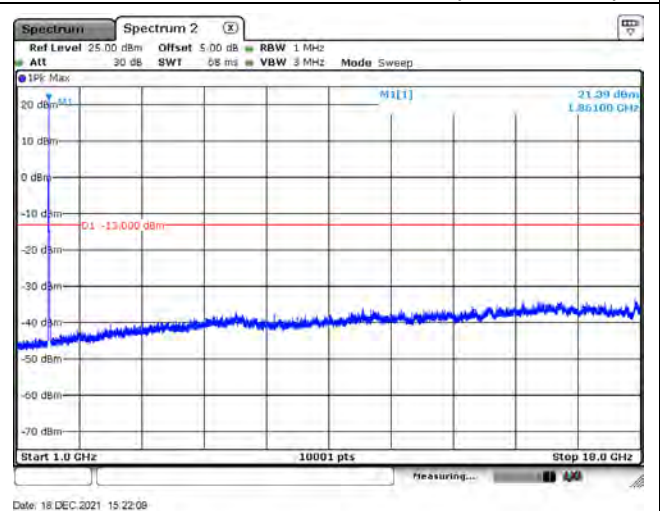
Date: 18 DEC 2021 15:17:01

LTE Band 25

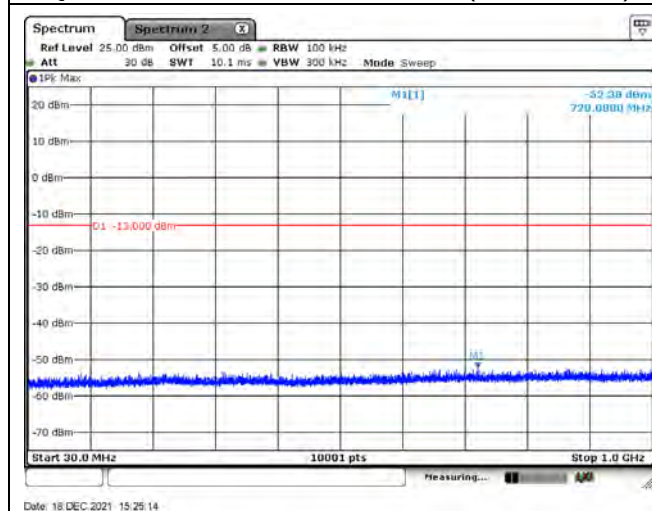
QPSK / CH26115 / 15 MHz / 1RB0 (Below 1GHz)



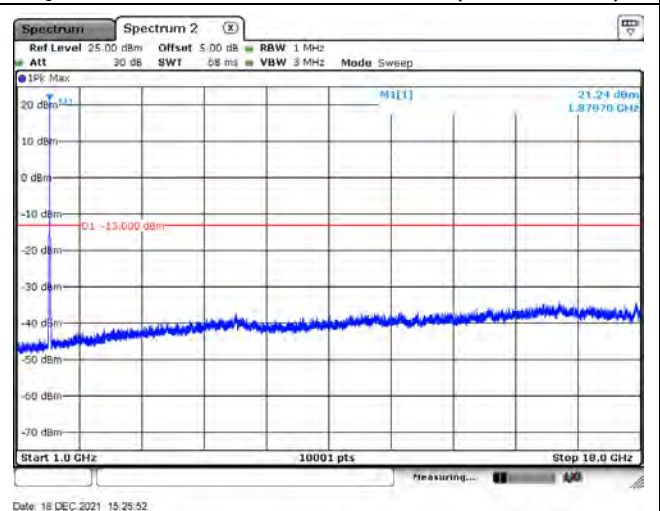
QPSK / CH26115 / 15 MHz / 1RB0 (Above 1GHz)



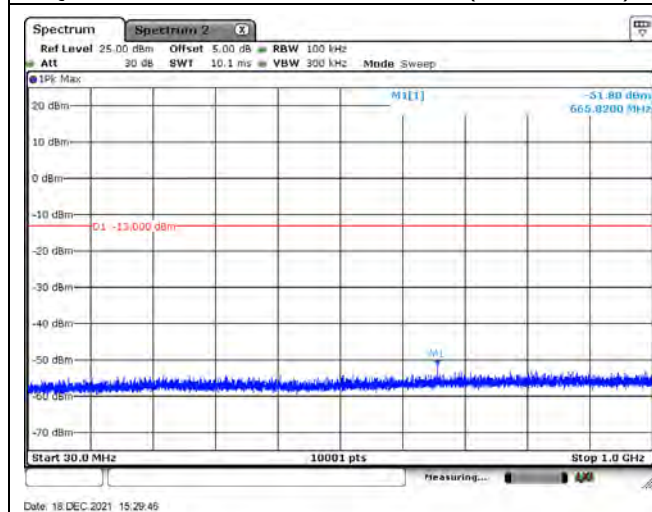
QPSK / CH26365 / 15 MHz / 1RB0 (Below 1GHz)



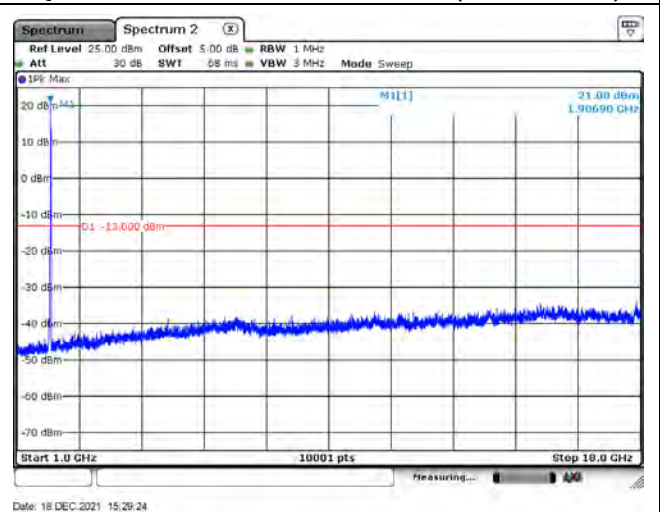
QPSK / CH26365 / 15 MHz / 1RB0 (Above 1GHz)



QPSK / CH26615 / 15 MHz / 1RB0 (Below 1GHz)

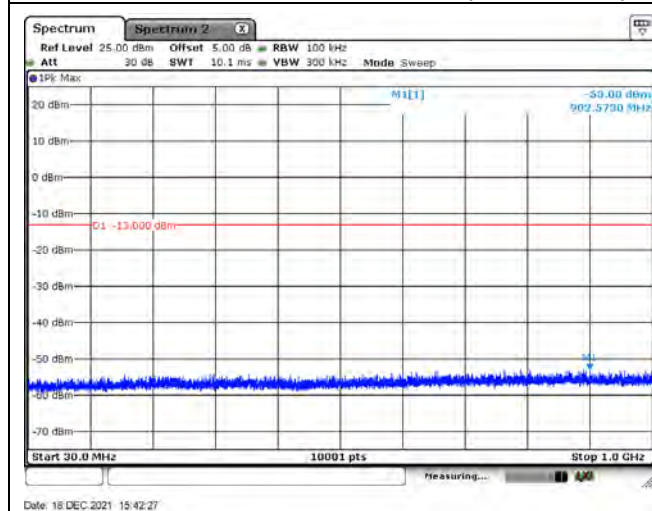


QPSK / CH26615 / 15 MHz / 1RB0 (Above 1GHz)

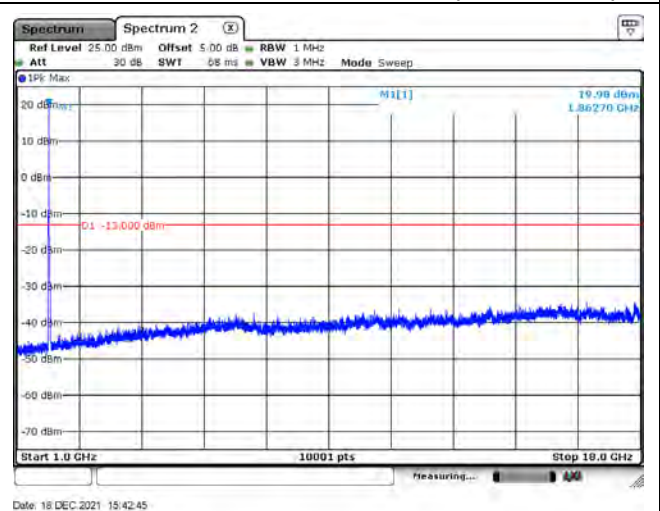


LTE Band 25

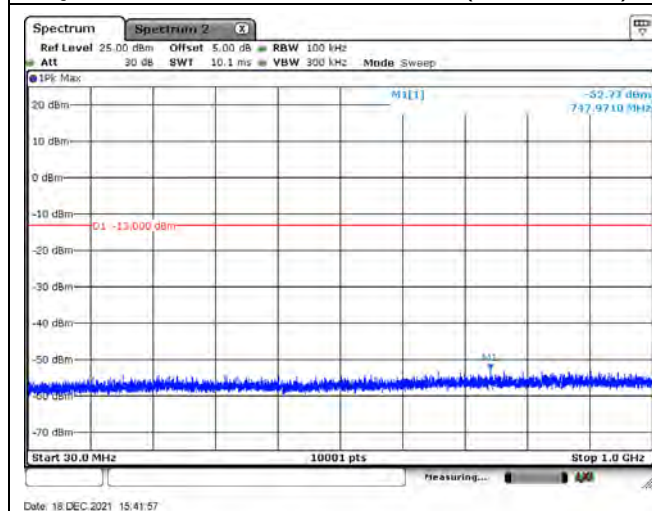
QPSK / CH26140 / 20 MHz / 1RB0 (Below 1GHz)



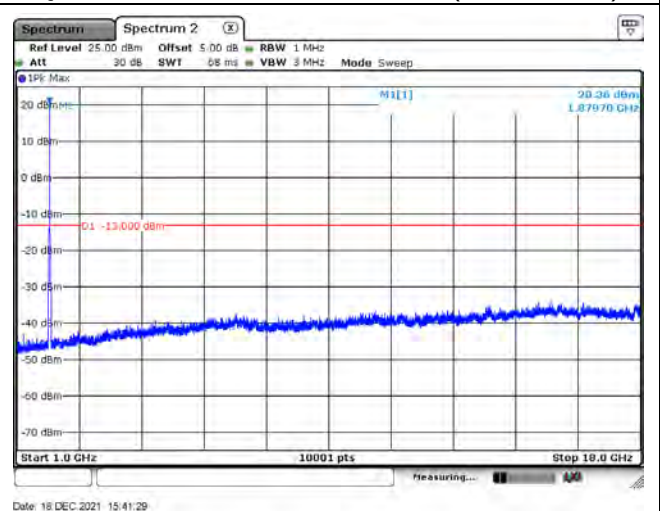
QPSK / CH26140 / 20 MHz / 1RB0 (Above 1GHz)



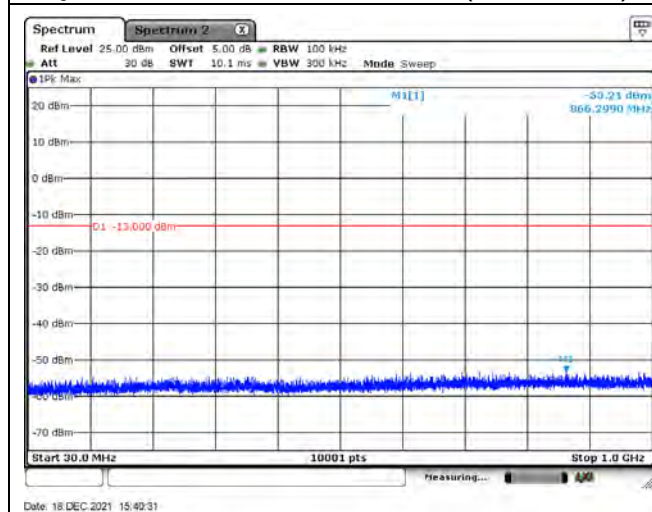
QPSK / CH26365 / 20 MHz / 1RB0 (Below 1GHz)



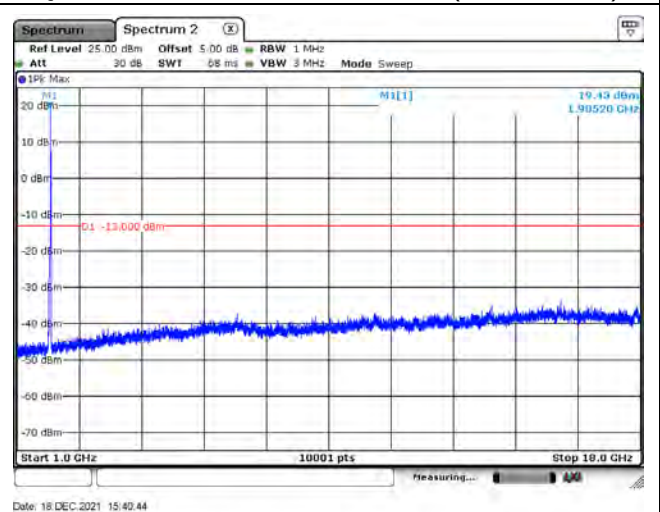
QPSK / CH26365 / 20 MHz / 1RB0 (Above 1GHz)



QPSK / CH26590 / 20 MHz / 1RB0 (Below 1GHz)

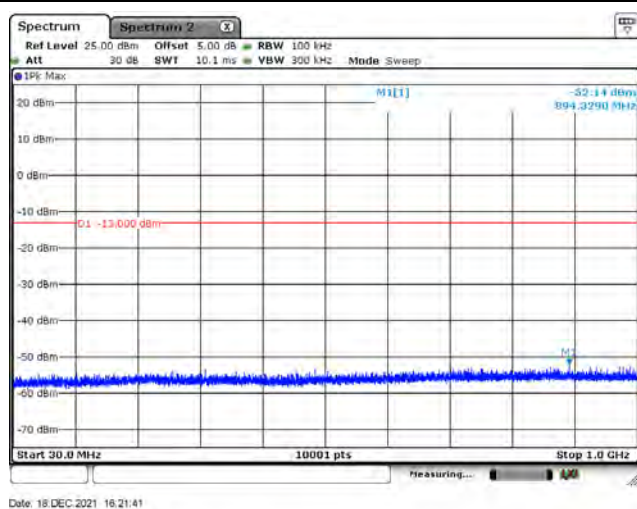


QPSK / CH26590 / 20 MHz / 1RB0 (Above 1GHz)

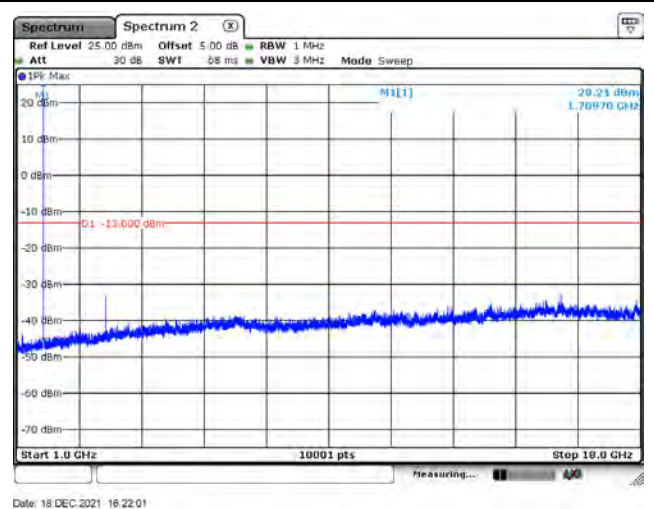


Mode 2: LTE Band 4
LTE Band 4

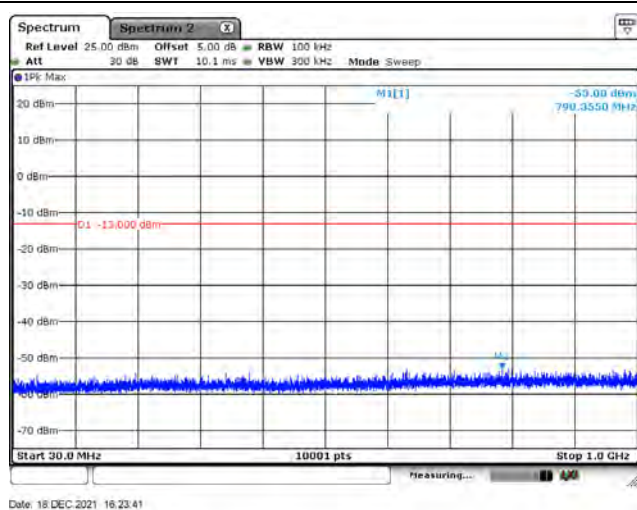
QPSK / CH19957 / 1.4 MHz / 1RB0 (Below 1GHz)



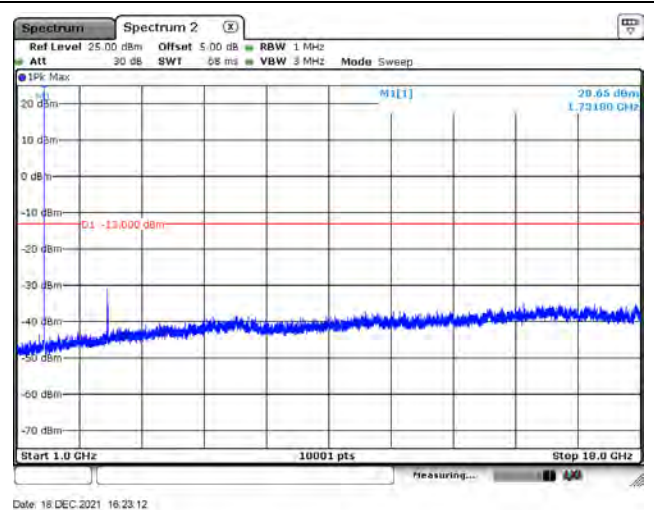
QPSK / CH19957 / 1.4 MHz / 1RB0 (Above 1GHz)



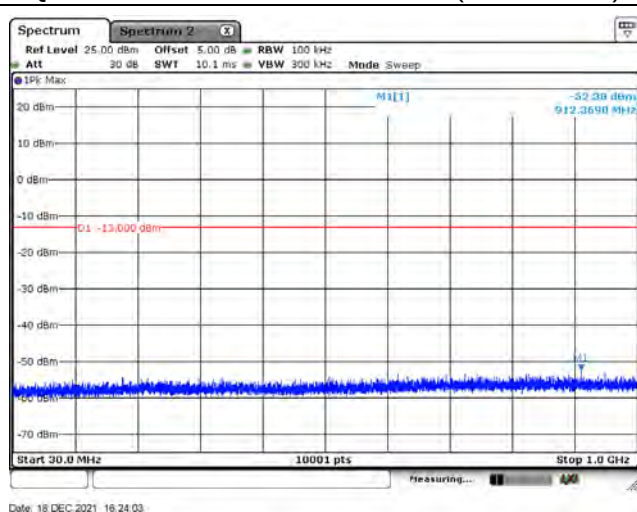
QPSK / CH20175 / 1.4 MHz / 1RB0 (Below 1GHz)



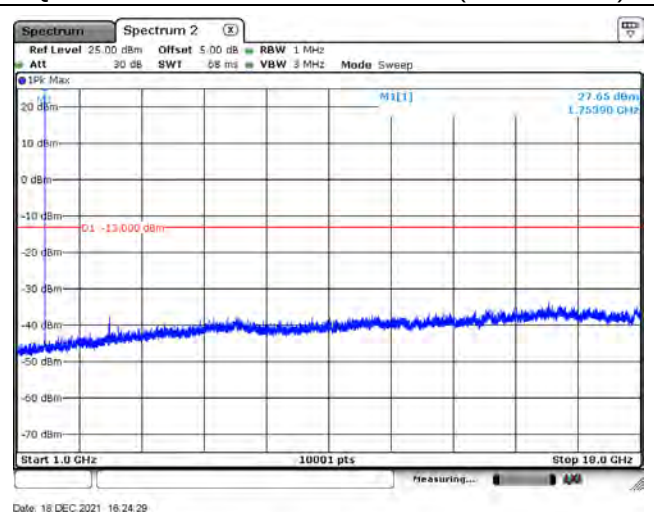
QPSK / CH20175 / 1.4 MHz / 1RB0 (Above 1GHz)



QPSK / CH20393 / 1.4 MHz / 1RB0 (Below 1GHz)

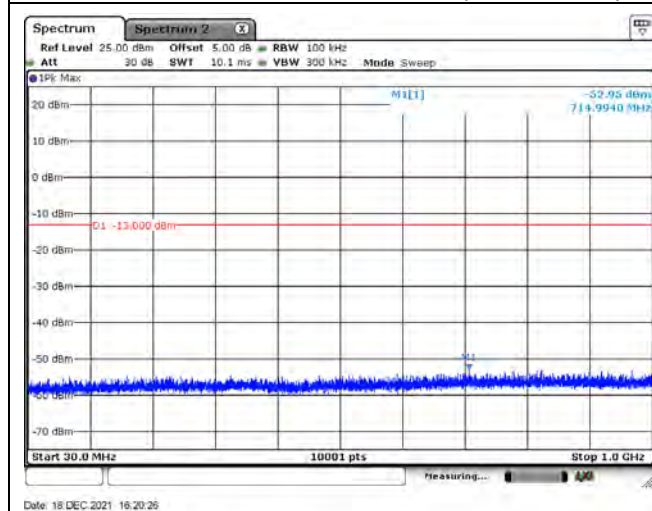


QPSK / CH20393 / 1.4 MHz / 1RB0 (Above 1GHz)

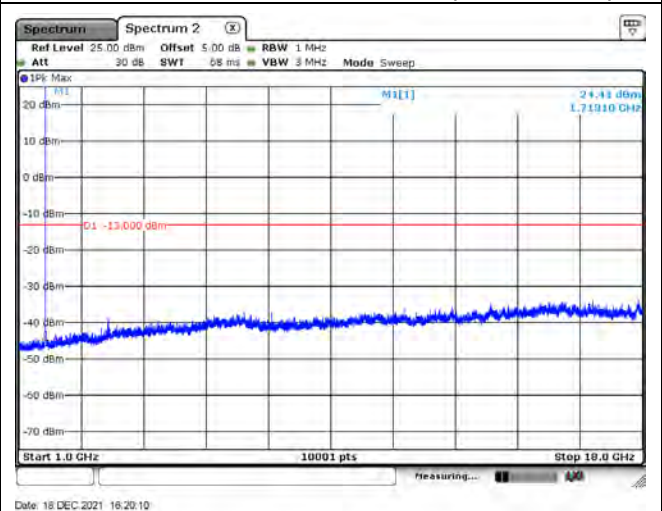


LTE Band 4

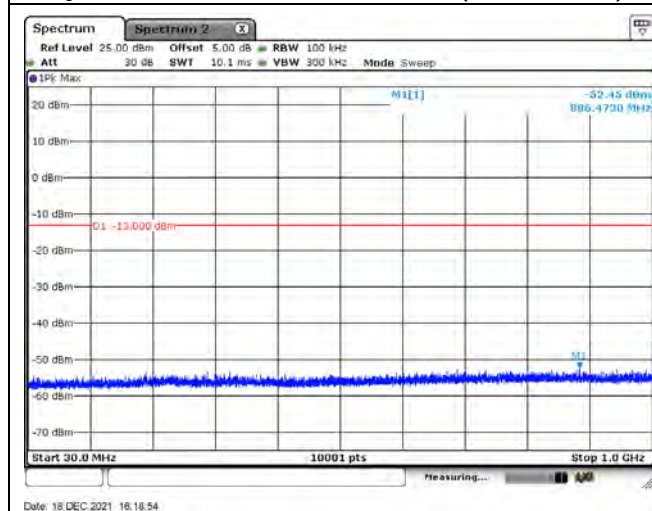
QPSK / CH19965 / 3 MHz / 1RB0 (Below 1GHz)



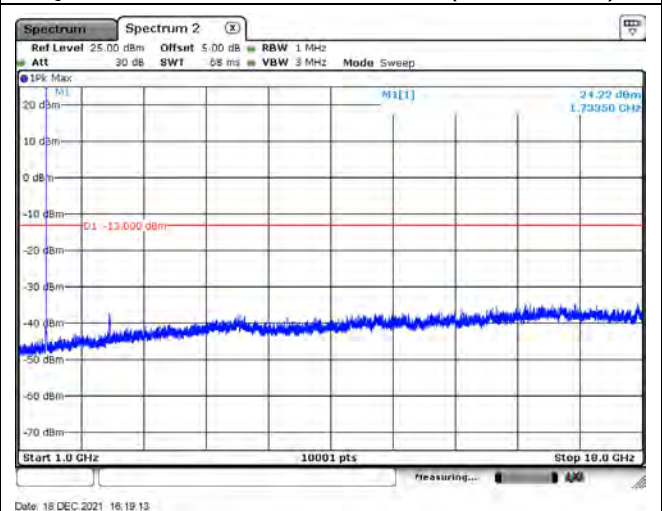
QPSK / CH19965 / 3 MHz / 1RB0 (Above 1GHz)



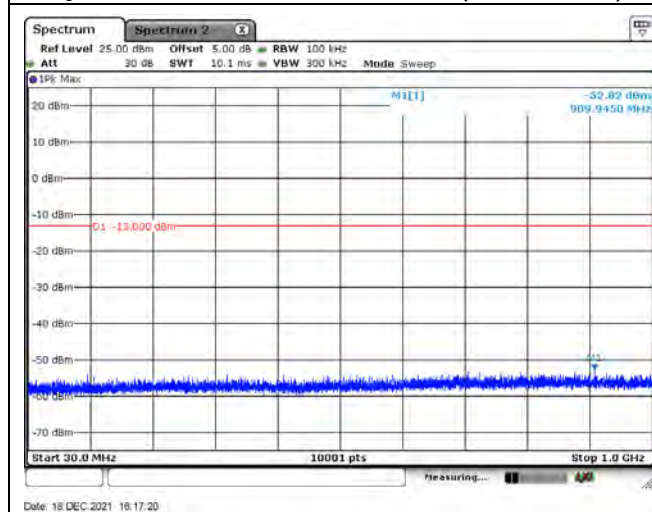
QPSK / CH20175 / 3 MHz / 1RB0 (Below 1GHz)



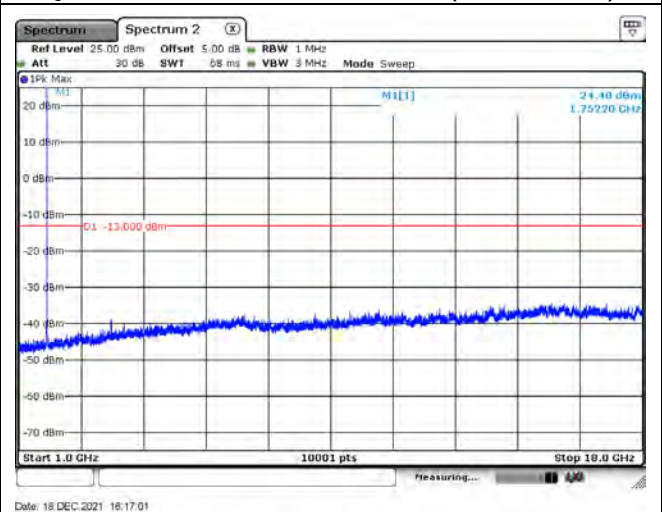
QPSK / CH20175 / 3 MHz / 1RB0 (Above 1GHz)



QPSK / CH20385 / 3 MHz / 1RB0 (Below 1GHz)

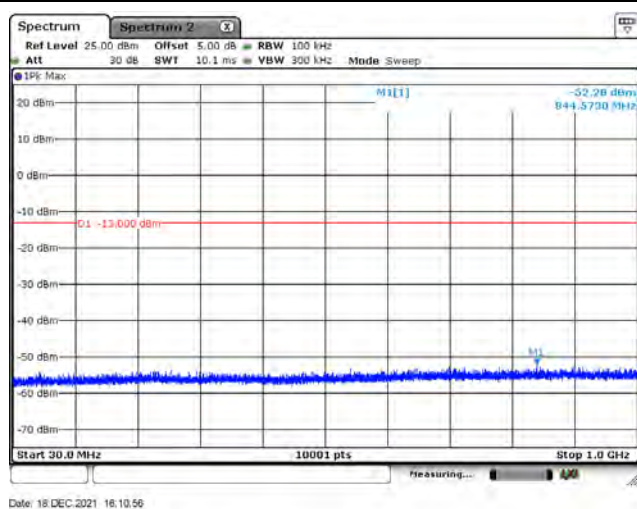


QPSK / CH20385 / 3 MHz / 1RB0 (Above 1GHz)

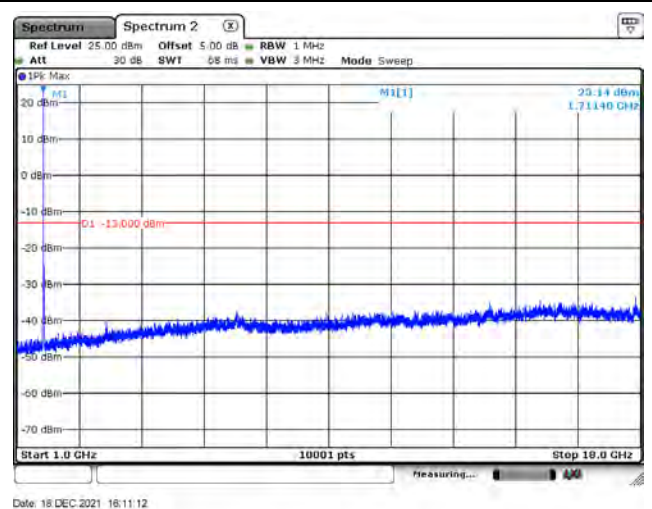


LTE Band 4

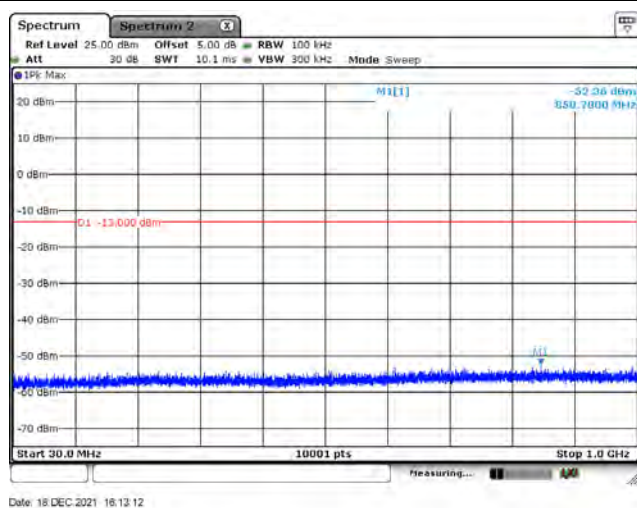
QPSK / CH19975 / 5 MHz / 1RB0 (Below 1GHz)



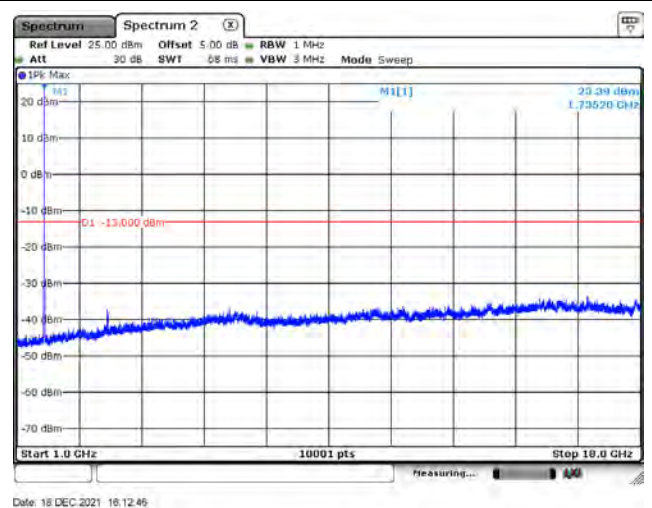
QPSK / CH19975 / 5 MHz / 1RB0 (Above 1GHz)



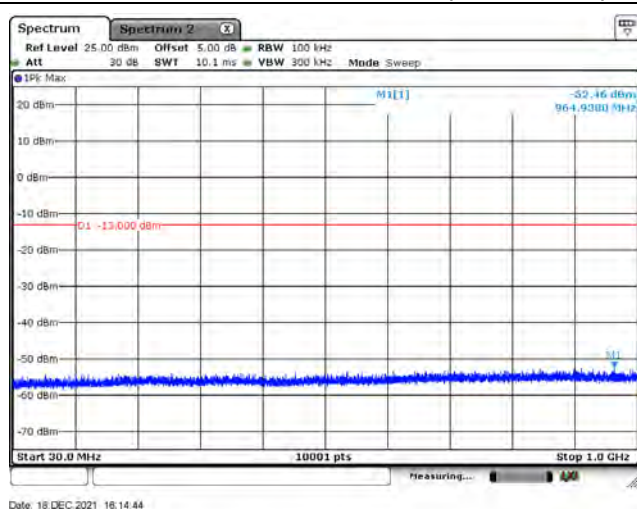
QPSK / CH20175 / 5 MHz / 1RB0 (Below 1GHz)



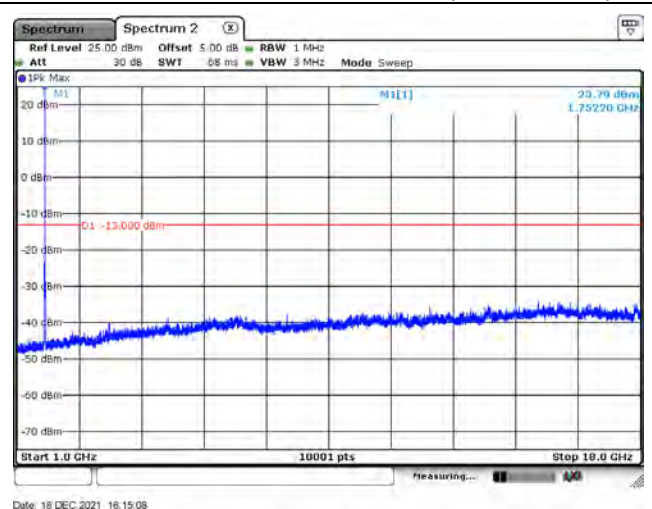
QPSK / CH20175 / 5 MHz / 1RB0 (Above 1GHz)



QPSK / CH20375 / 5 MHz / 1RB0 (Below 1GHz)

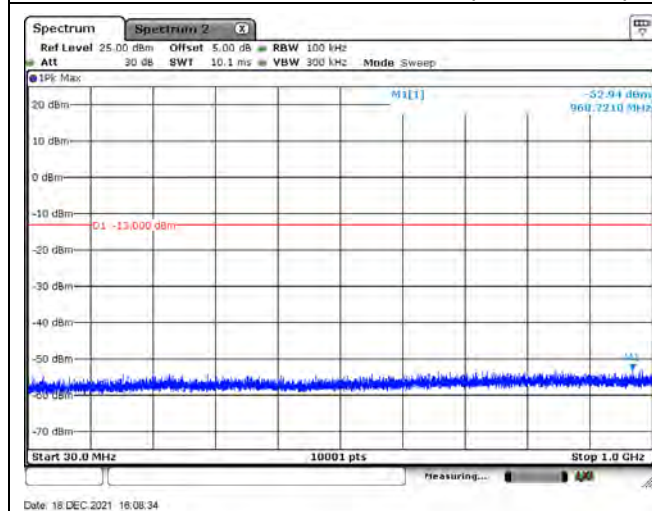


QPSK / CH20375 / 5 MHz / 1RB0 (Above 1GHz)

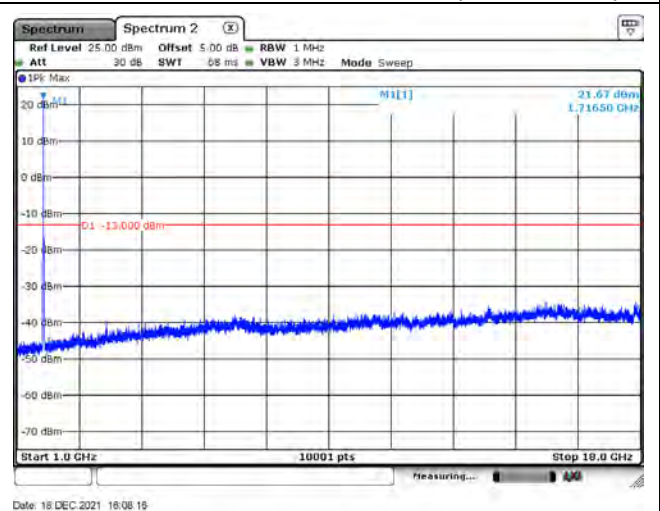


LTE Band 4

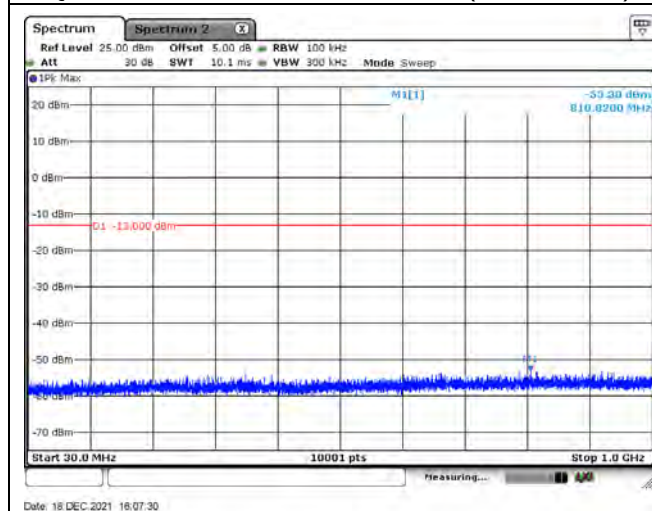
QPSK / CH20000 / 10 MHz / 1RB0 (Below 1GHz)



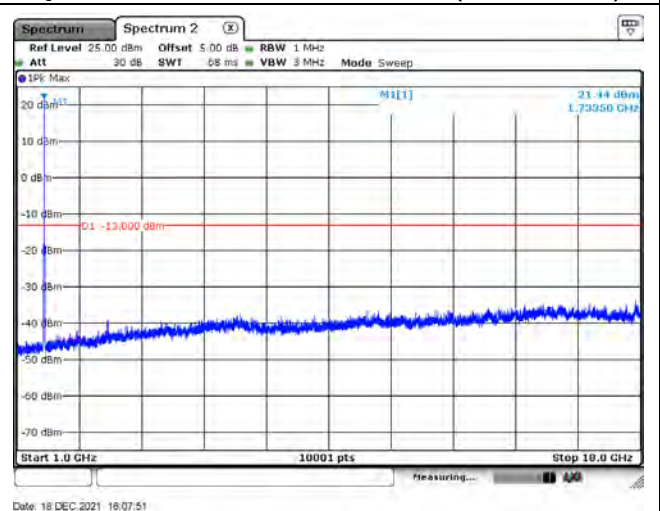
QPSK / CH20000 / 10 MHz / 1RB0 (Above 1GHz)



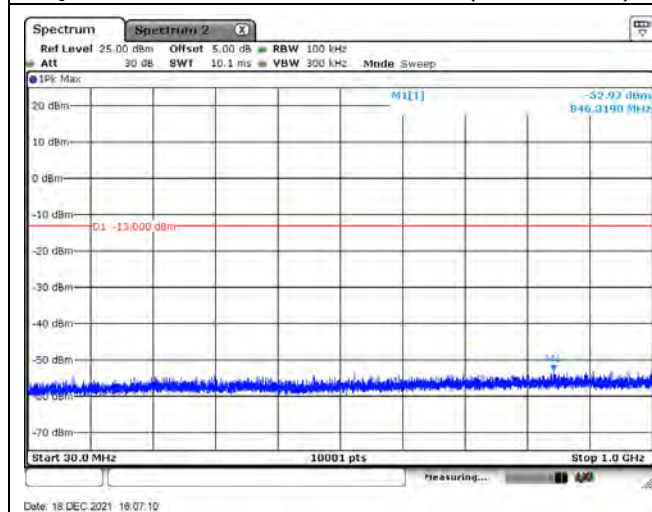
QPSK / CH20175 / 10 MHz / 1RB0 (Below 1GHz)



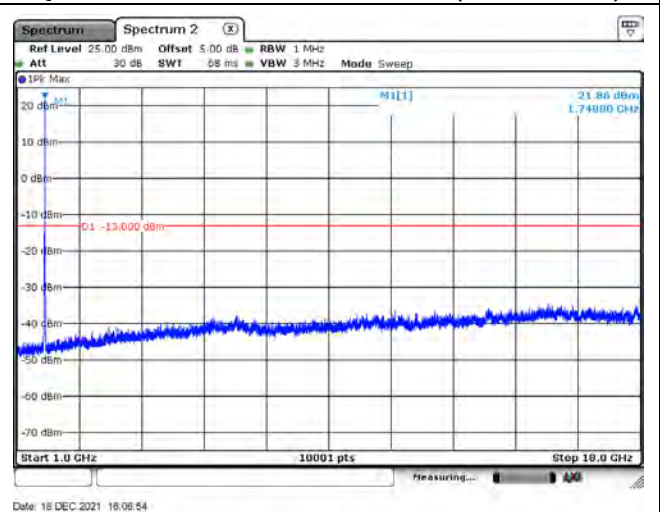
QPSK / CH20175 / 10 MHz / 1RB0 (Above 1GHz)



QPSK / CH20350 / 10 MHz / 1RB0 (Below 1GHz)

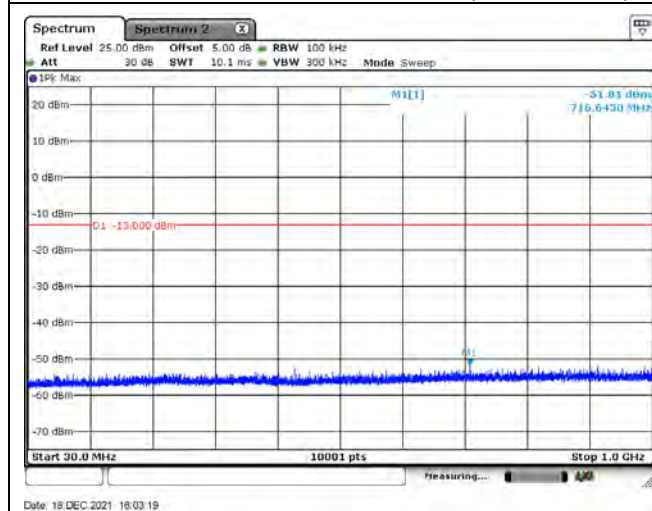


QPSK / CH20350 / 10 MHz / 1RB0 (Above 1GHz)

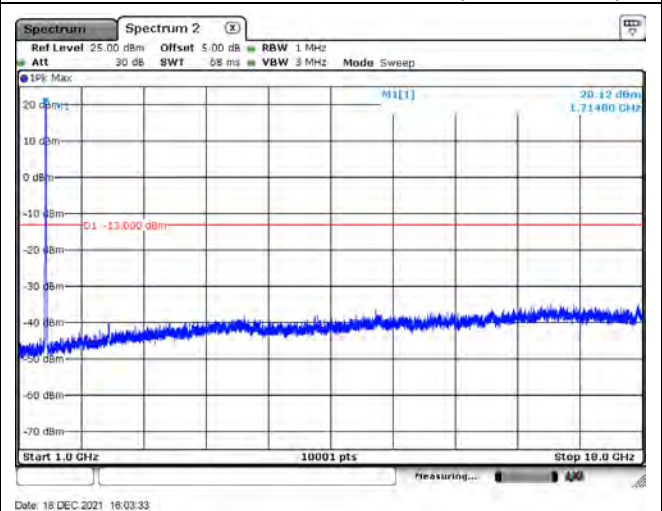


LTE Band 4

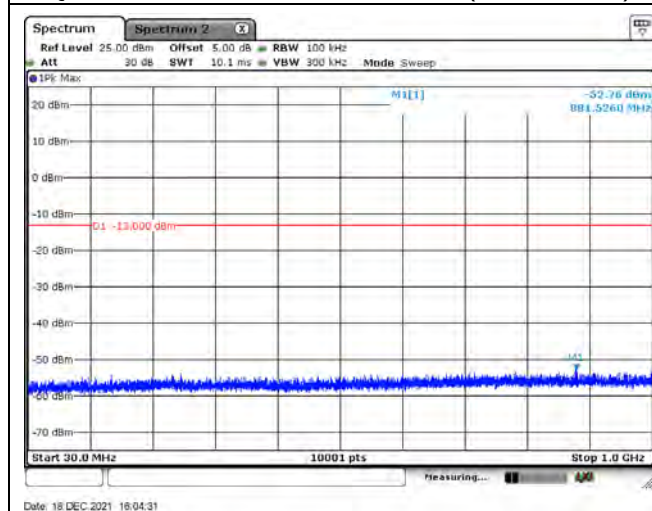
QPSK / CH20025 / 15 MHz / 1RB0 (Below 1GHz)



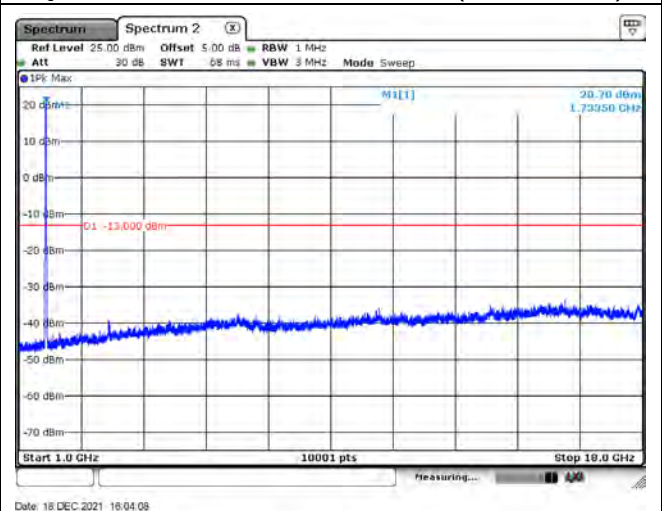
QPSK / CH20025 / 15 MHz / 1RB0 (Above 1GHz)



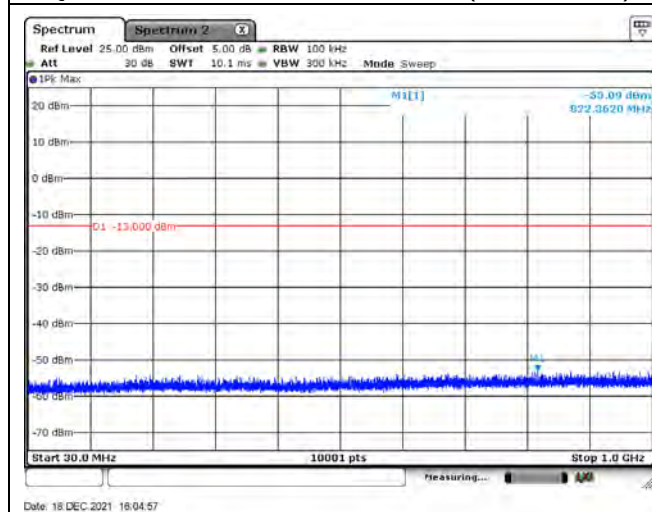
QPSK / CH20175 / 15 MHz / 1RB0 (Below 1GHz)



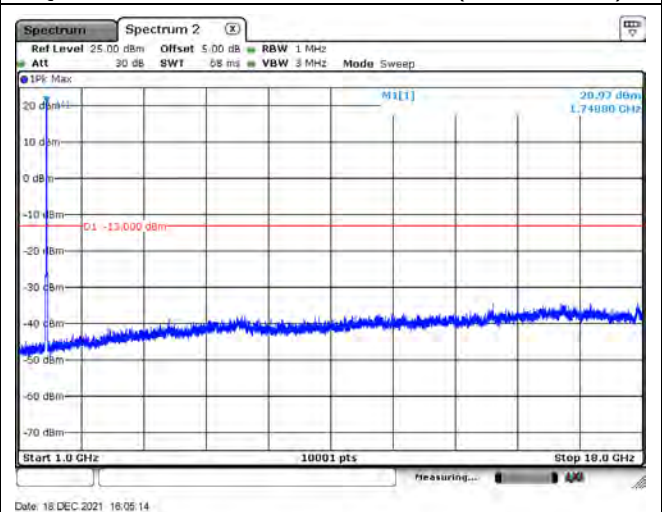
QPSK / CH20175 / 15 MHz / 1RB0 (Above 1GHz)



QPSK / CH20325 / 15 MHz / 1RB0 (Below 1GHz)

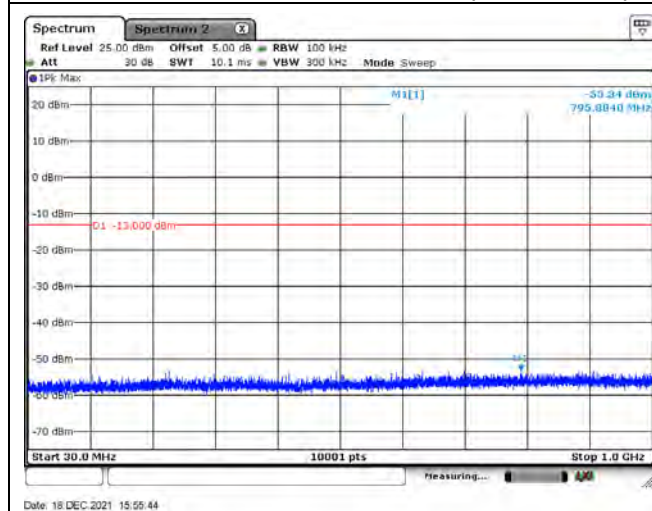


QPSK / CH20325 / 15 MHz / 1RB0 (Above 1GHz)

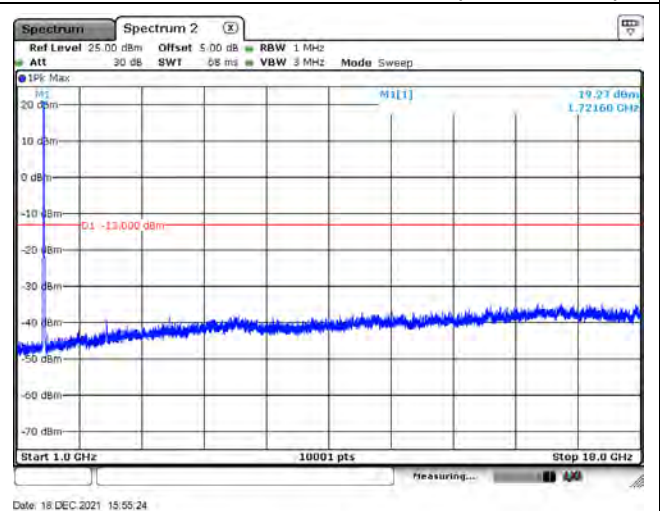


LTE Band 4

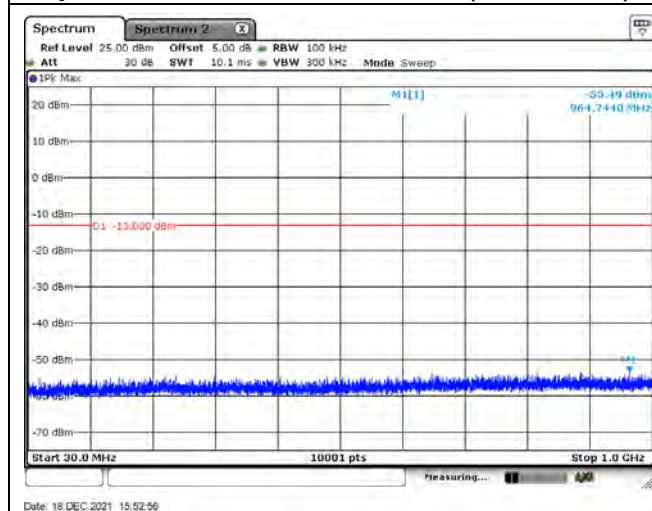
QPSK / CH20050 / 20 MHz / 1RB0 (Below 1GHz)



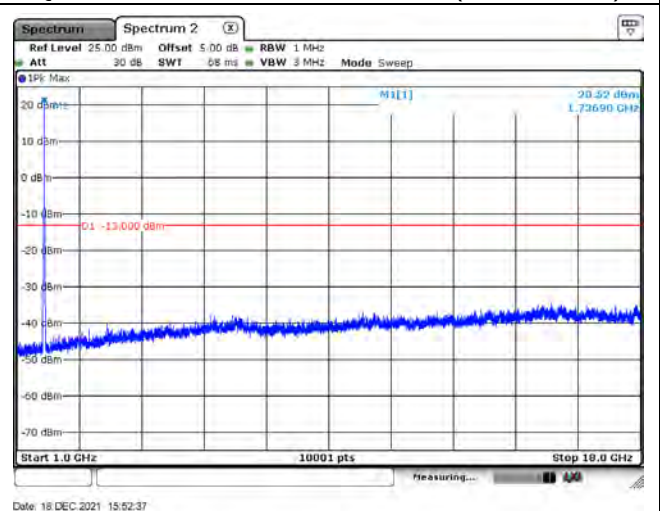
QPSK / CH20050 / 20 MHz / 1RB0 (Above 1GHz)



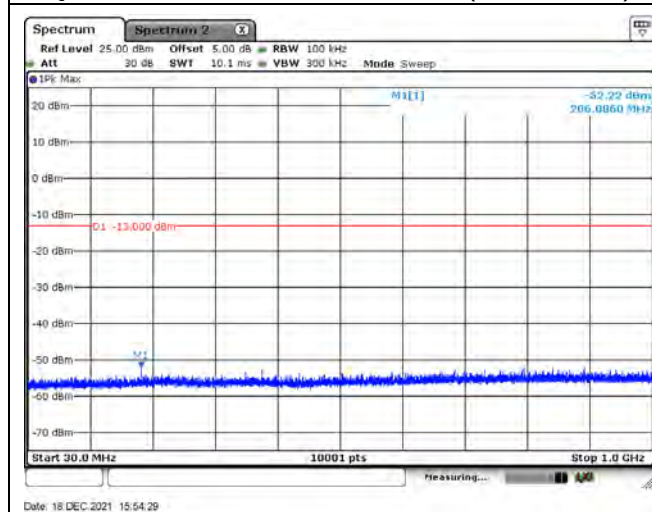
QPSK / CH20175 / 20 MHz / 1RB0 (Below 1GHz)



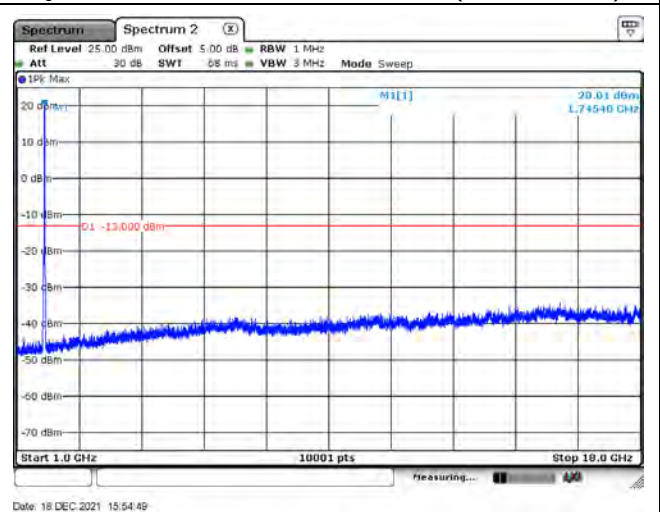
QPSK / CH20175 / 20 MHz / 1RB0 (Above 1GHz)

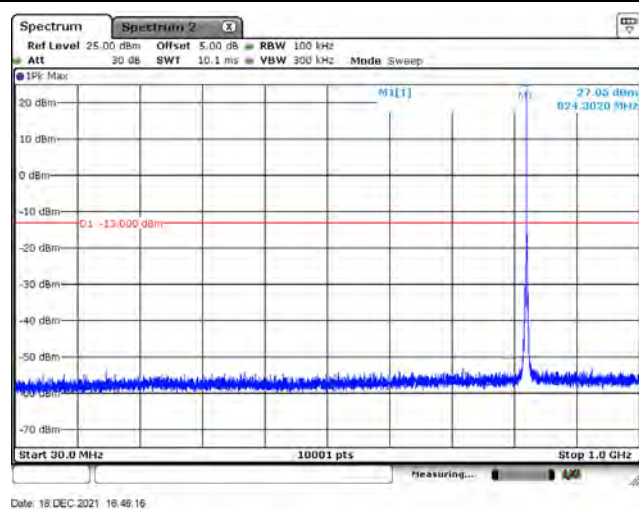
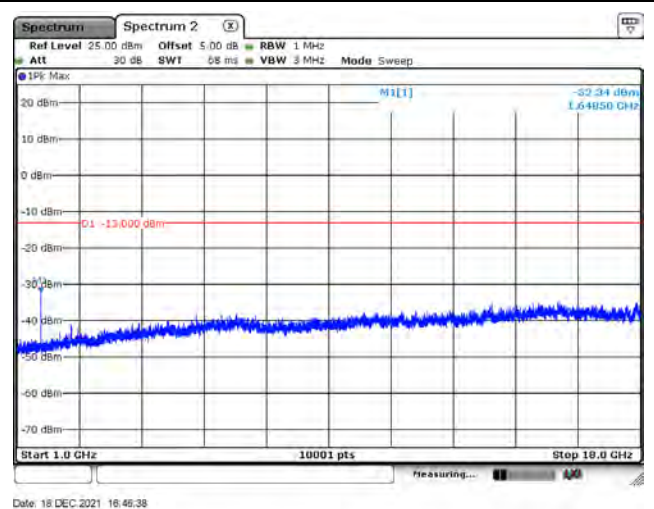
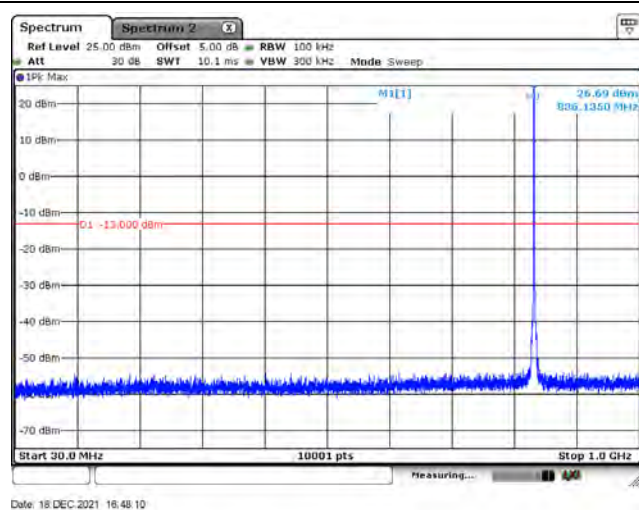
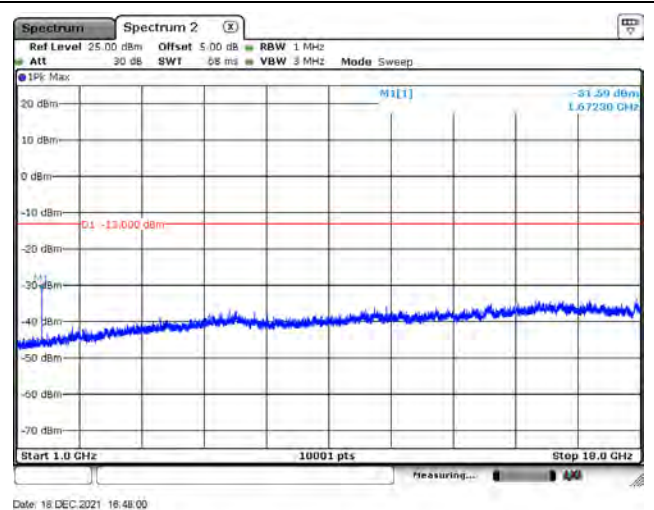
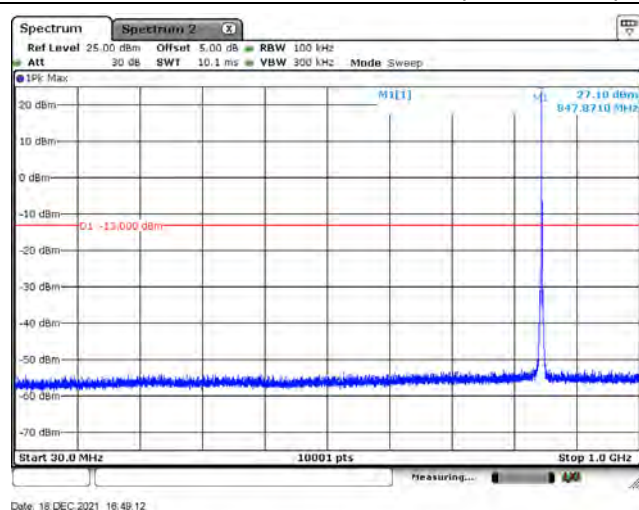
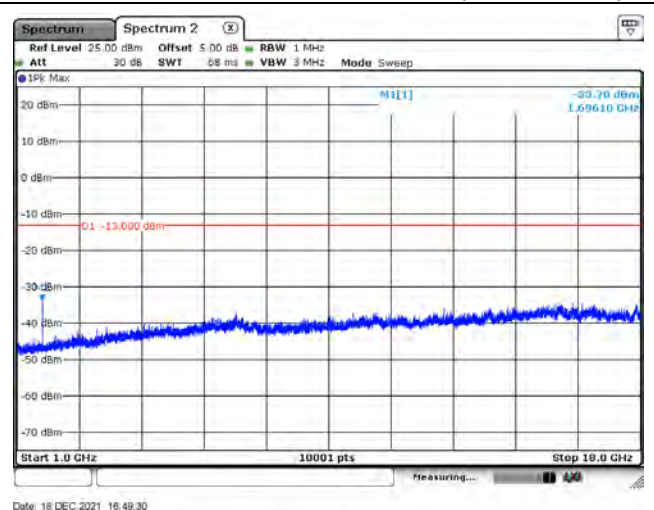


QPSK / CH20300 / 20 MHz / 1RB0 (Below 1GHz)



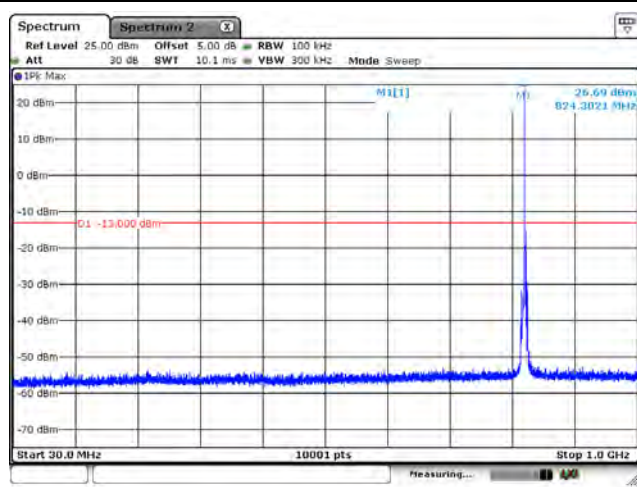
QPSK / CH20300 / 20 MHz / 1RB0 (Above 1GHz)



Mode 3: LTE Band 5/26 (Part 22)**LTE Band 26****QPSK / CH26797 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH26797 / 1.4 MHz / 1RB0 (Above 1GHz)****QPSK / CH26915 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH26915 / 1.4 MHz / 1RB0 (Above 1GHz)****QPSK / CH27033 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH27033 / 1.4 MHz / 1RB0 (Above 1GHz)**

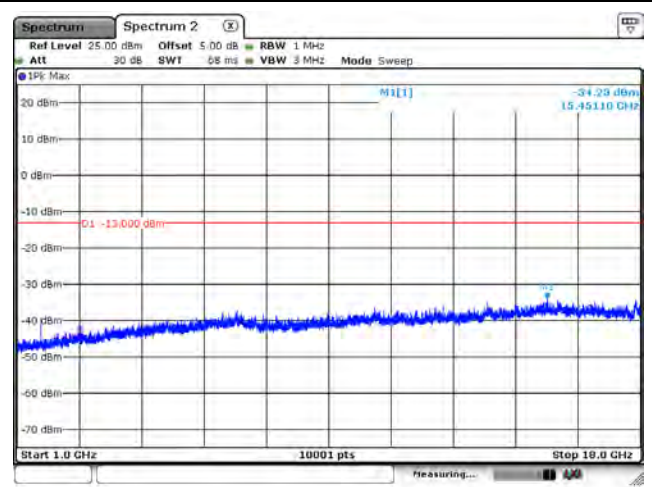
LTE Band 26

QPSK / CH26805 / 3 MHz / 1RB0 (Below 1GHz)



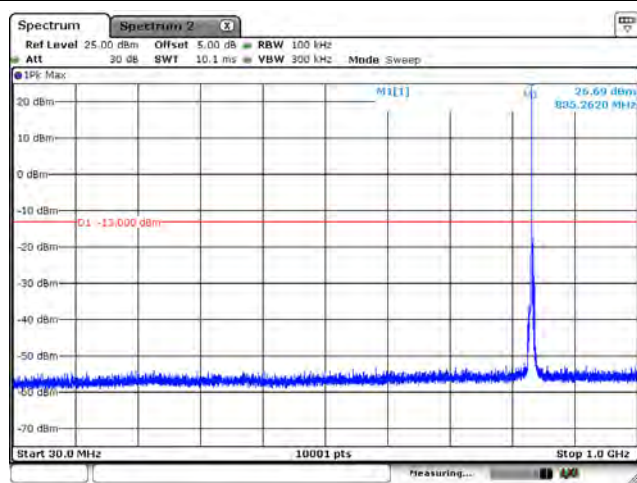
Date: 18 DEC 2021 16:39:33

QPSK / CH26805 / 3 MHz / 1RB0 (Above 1GHz)



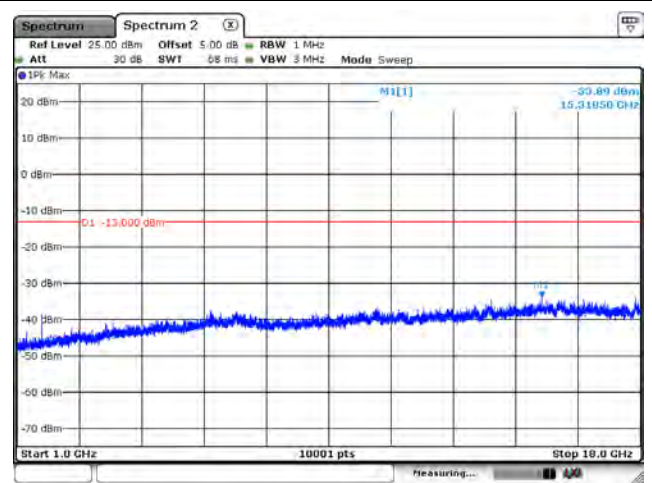
Date: 18 DEC 2021 16:56:09

QPSK / CH26915 / 3 MHz / 1RB0 (Below 1GHz)



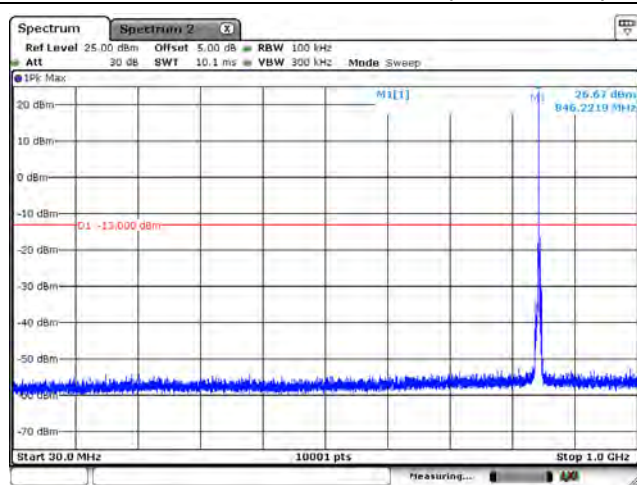
Date: 18 DEC 2021 16:38:24

QPSK / CH26915 / 3 MHz / 1RB0 (Above 1GHz)



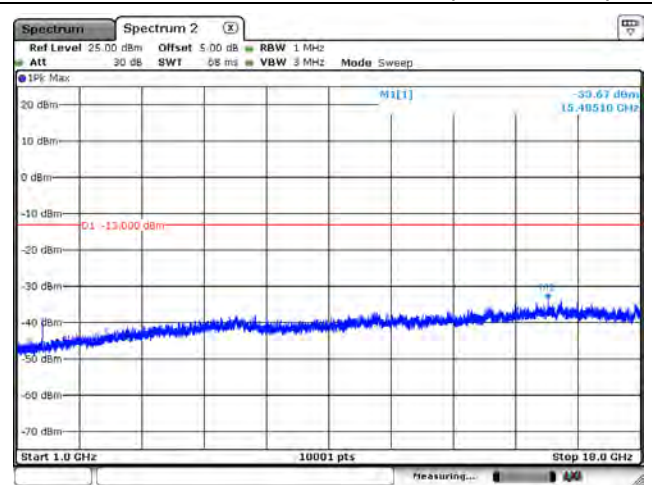
Date: 18 DEC 2021 16:55:36

QPSK / CH27025 / 3 MHz / 1RB0 (Below 1GHz)



Date: 18 DEC 2021 16:37:46

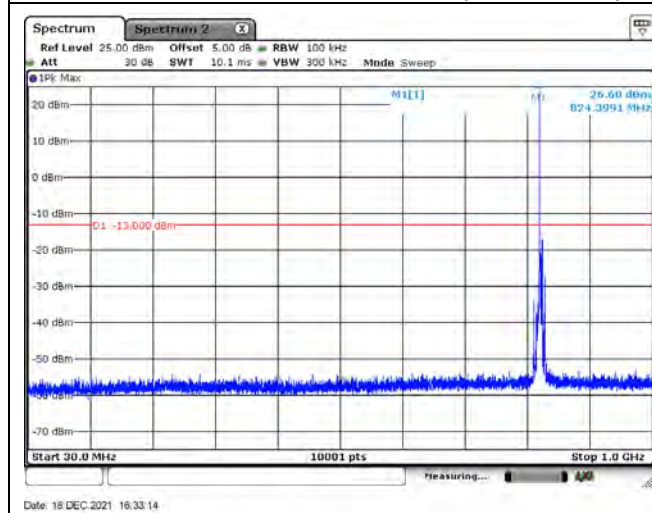
QPSK / CH27025 / 3 MHz / 1RB0 (Above 1GHz)



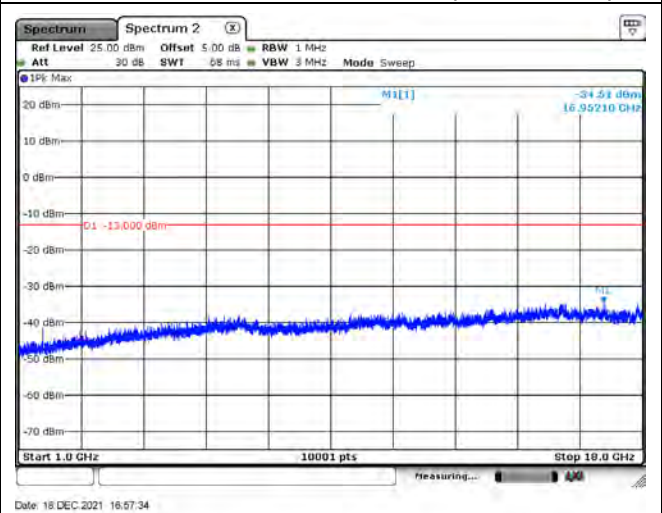
Date: 18 DEC 2021 16:54:13

LTE Band 26

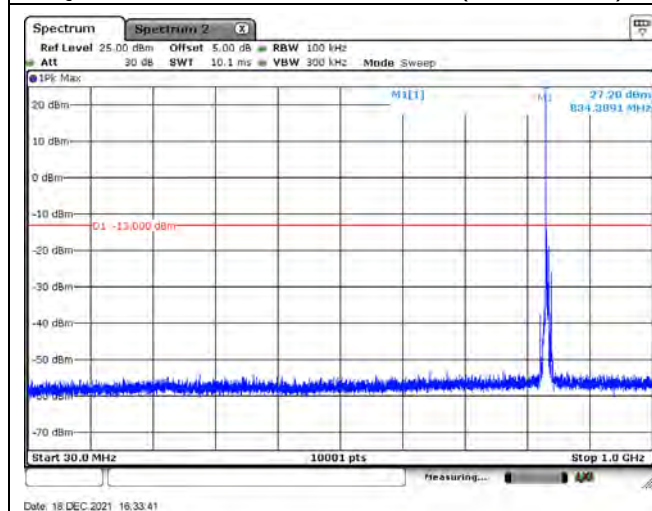
QPSK / CH26815 / 5 MHz / 1RB0 (Below 1GHz)



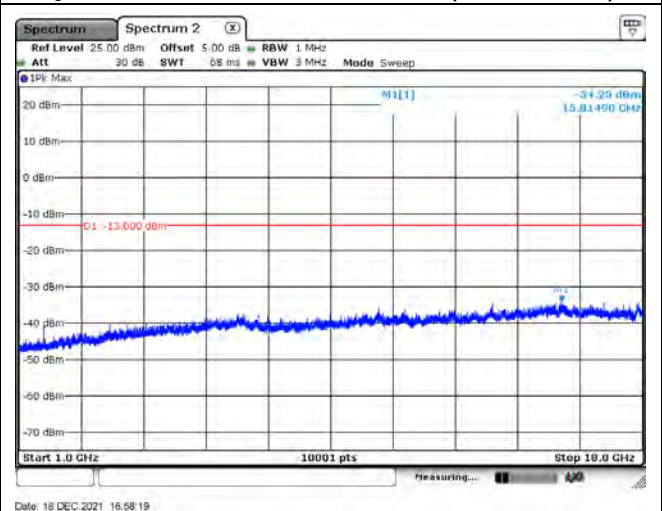
QPSK / CH26815 / 5 MHz / 1RB0 (Above 1GHz)



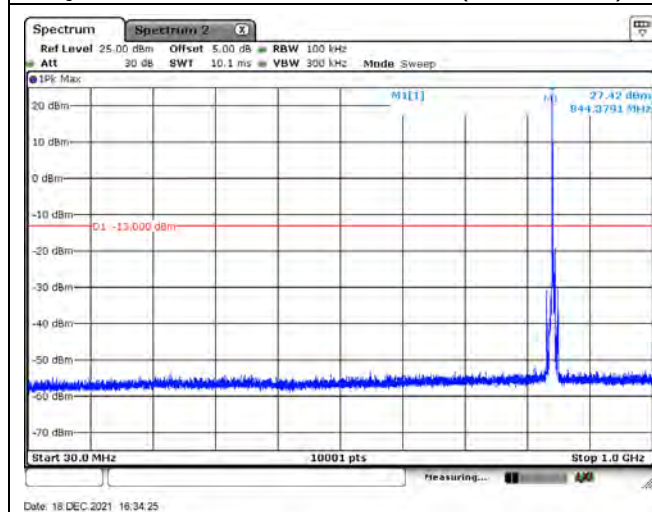
QPSK / CH26915 / 5 MHz / 1RB0 (Below 1GHz)



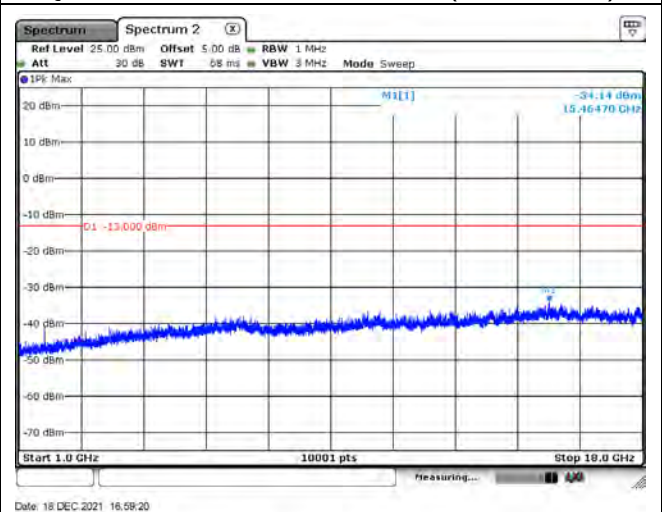
QPSK / CH26915 / 5 MHz / 1RB0 (Above 1GHz)



QPSK / CH27015 / 5 MHz / 1RB0 (Below 1GHz)

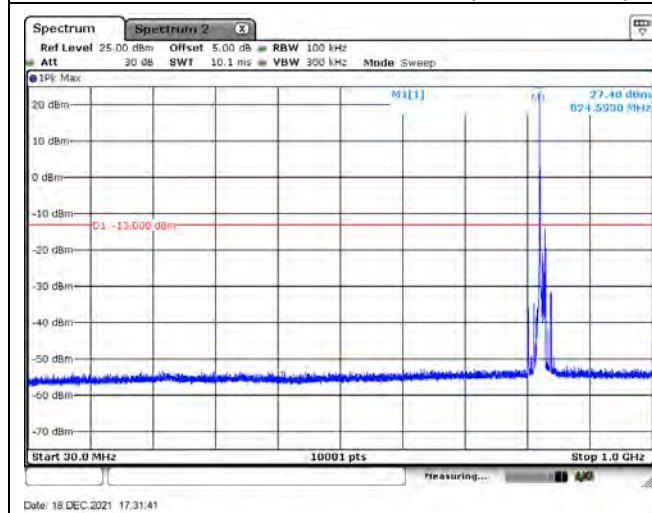


QPSK / CH27015 / 5 MHz / 1RB0 (Above 1GHz)

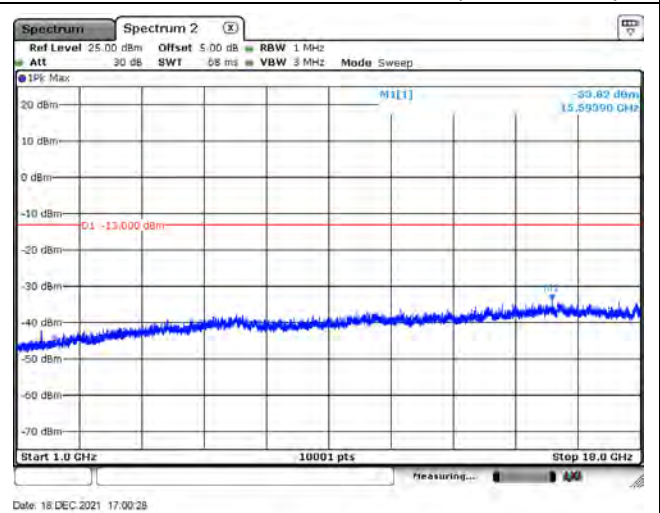


LTE Band 26

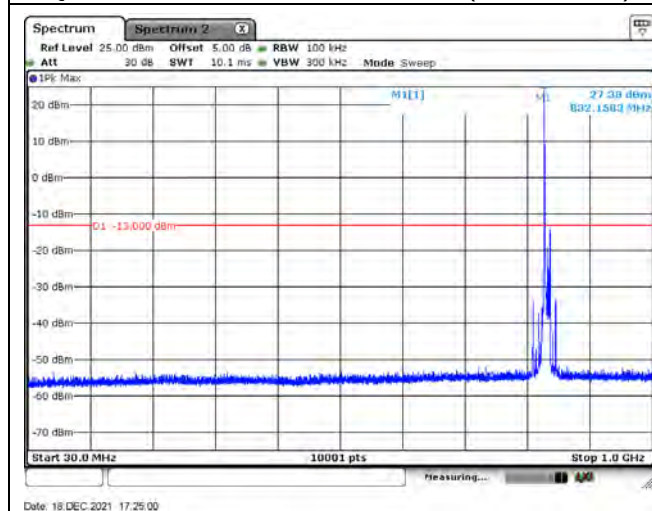
QPSK / CH26840 / 10 MHz / 1RB0 (Below 1GHz)



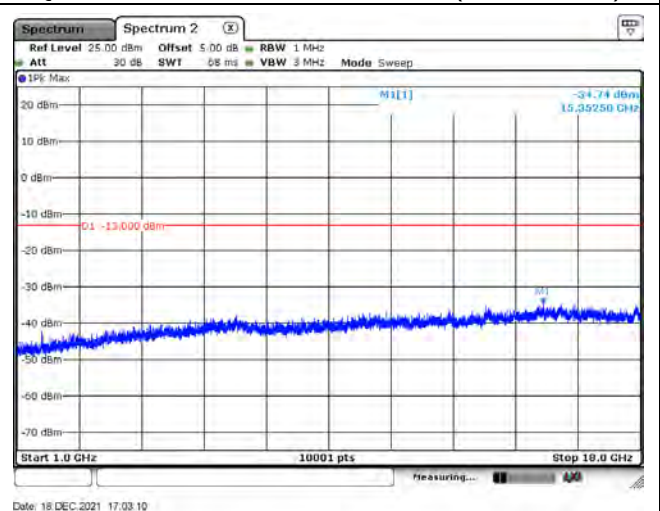
QPSK / CH26840 / 10 MHz / 1RB0 (Above 1GHz)



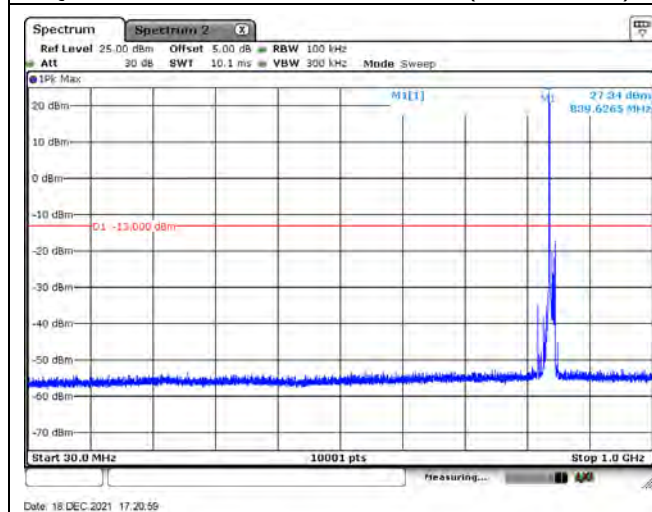
QPSK / CH26915 / 10 MHz / 1RB0 (Below 1GHz)



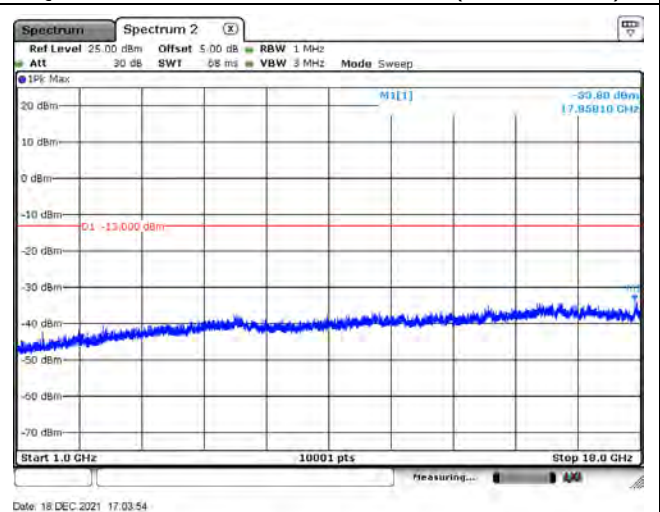
QPSK / CH26915 / 10 MHz / 1RB0 (Above 1GHz)



QPSK / CH26990 / 10 MHz / 1RB0 (Below 1GHz)

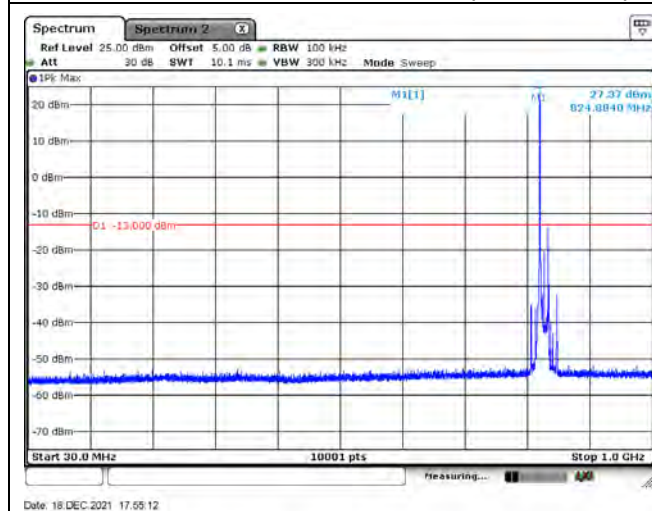


QPSK / CH26990 / 10 MHz / 1RB0 (Above 1GHz)

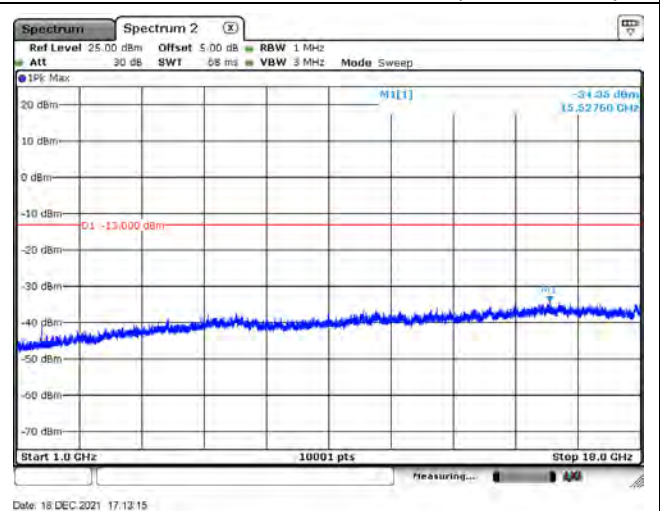


LTE Band 26

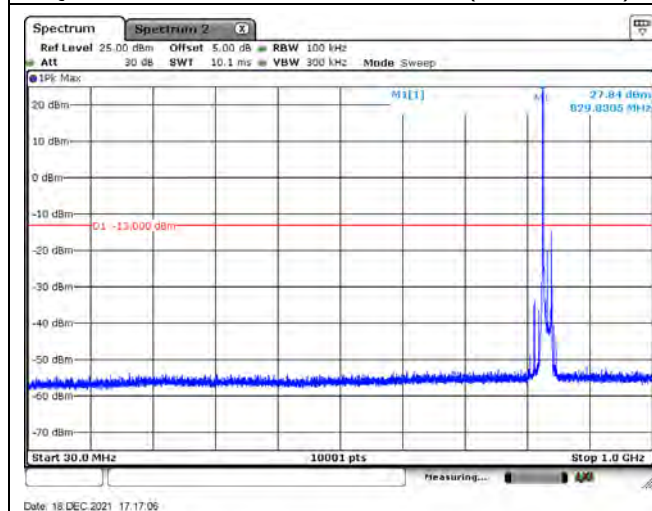
QPSK / CH26865 / 15 MHz / 1RB0 (Below 1GHz)



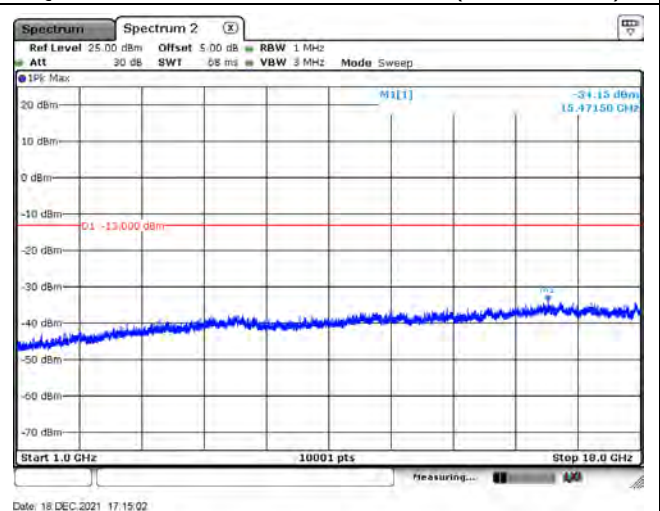
QPSK / CH26865 / 15 MHz / 1RB0 (Above 1GHz)



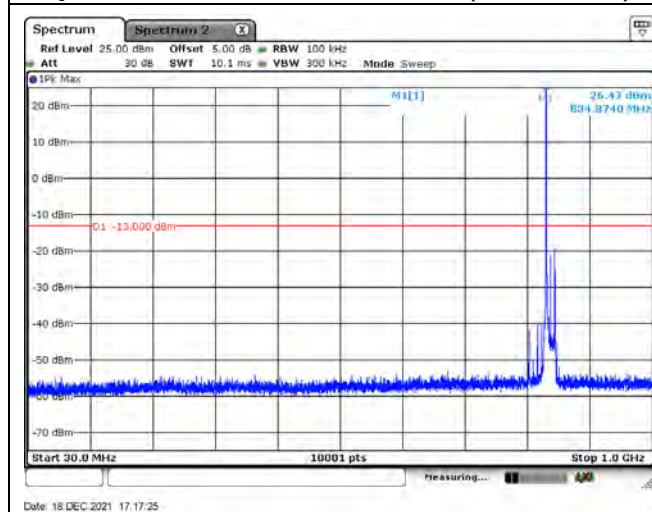
QPSK / CH26915 / 15 MHz / 1RB0 (Below 1GHz)



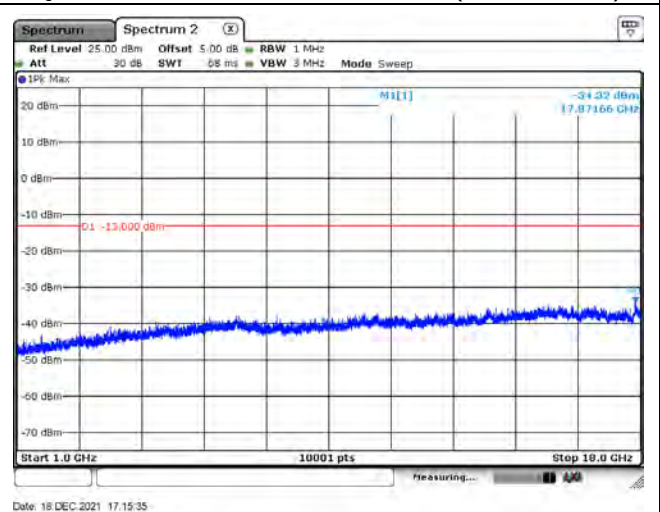
QPSK / CH26915 / 15 MHz / 1RB0 (Above 1GHz)



QPSK / CH26965 / 15 MHz / 1RB0 (Below 1GHz)



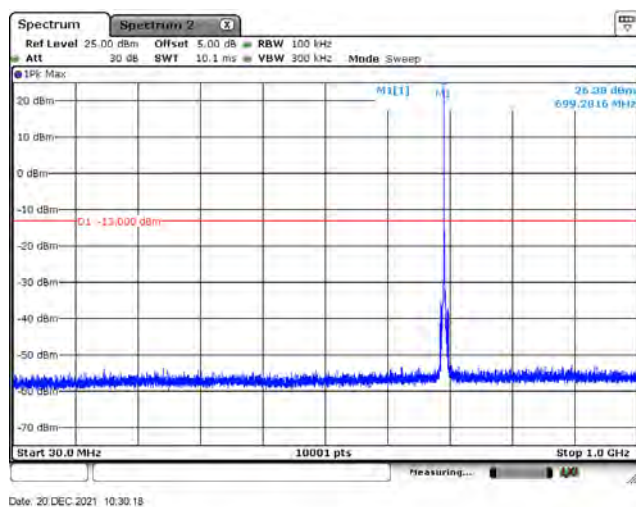
QPSK / CH26965 / 15 MHz / 1RB0 (Above 1GHz)



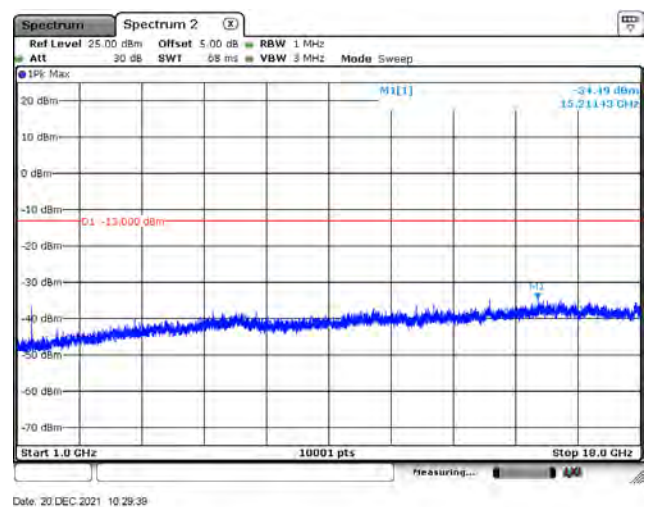
Mode 4: LTE Band 12

LTE Band 12

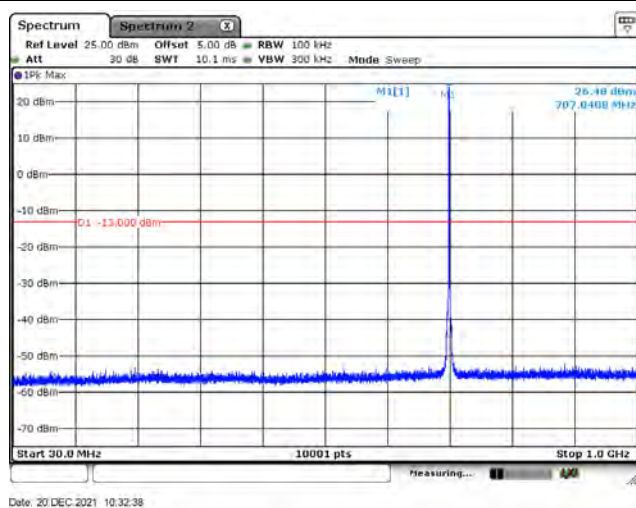
QPSK / CH23017 / 1.4 MHz / 1RB0 (Below 1GHz)



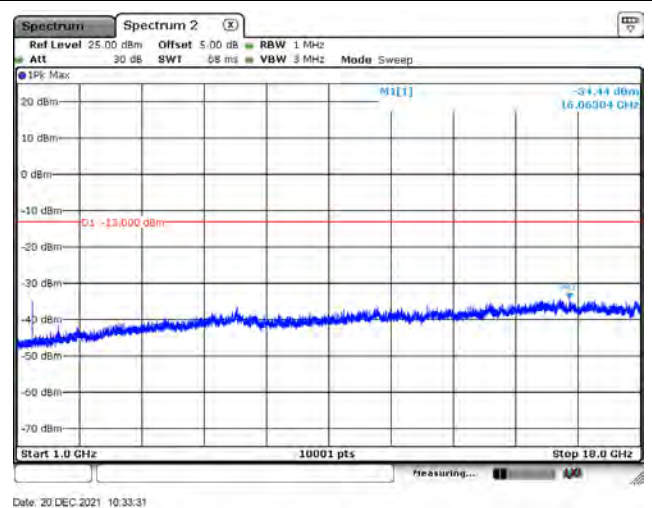
QPSK / CH23017 / 1.4 MHz / 1RB0 (Above 1GHz)



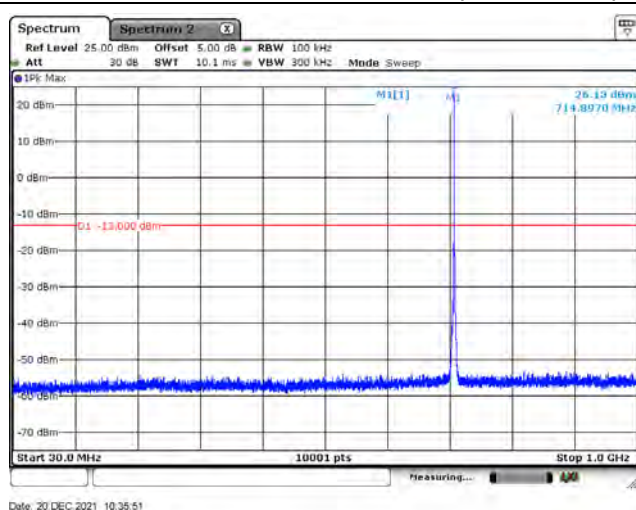
QPSK / CH23095 / 1.4 MHz / 1RB0 (Below 1GHz)



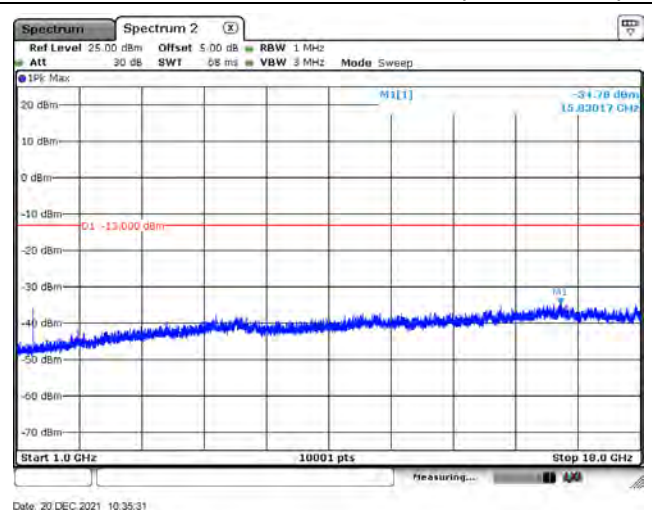
QPSK / CH23095 / 1.4 MHz / 1RB0 (Above 1GHz)



QPSK / CH23173 / 1.4 MHz / 1RB0 (Below 1GHz)

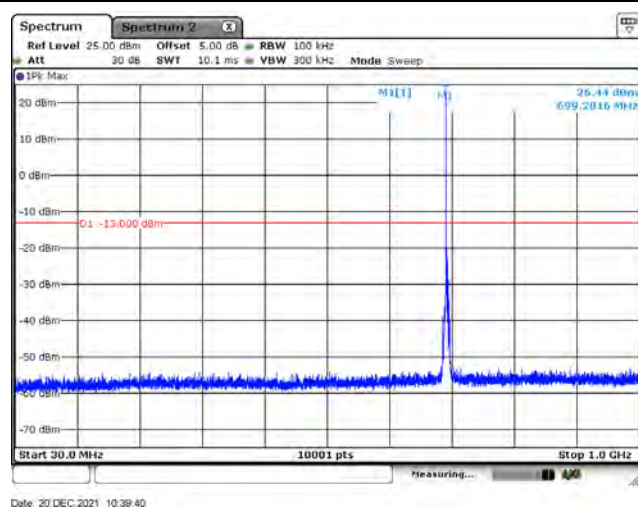


QPSK / CH23173 / 1.4 MHz / 1RB0 (Above 1GHz)

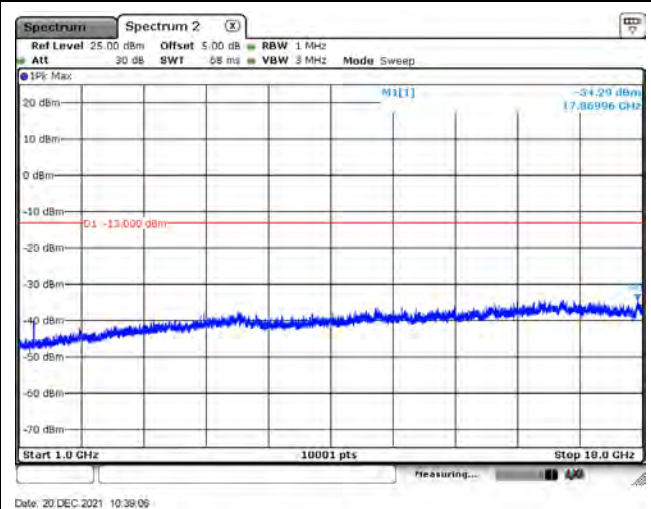


LTE Band 12

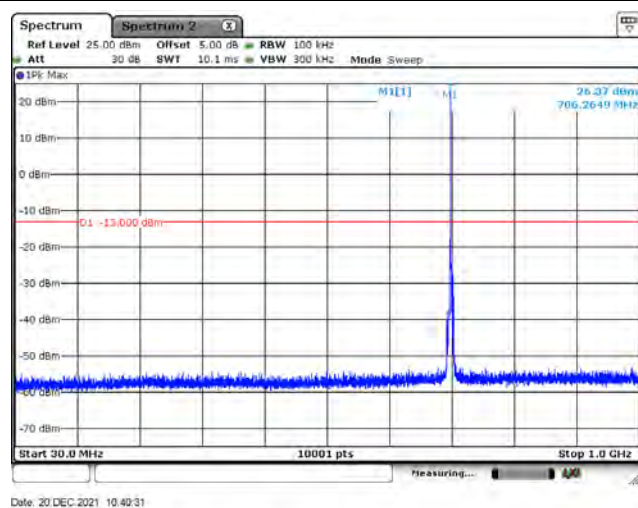
QPSK / CH23025 / 3 MHz / 1RB0 (Below 1GHz)



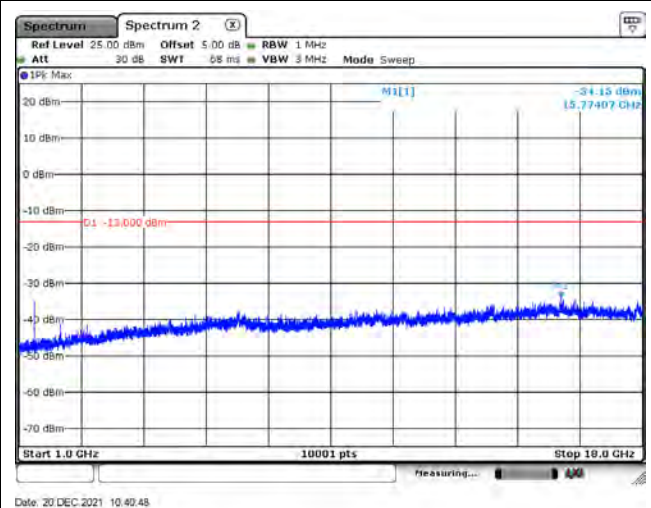
QPSK / CH23025 / 3 MHz / 1RB0 (Above 1GHz)



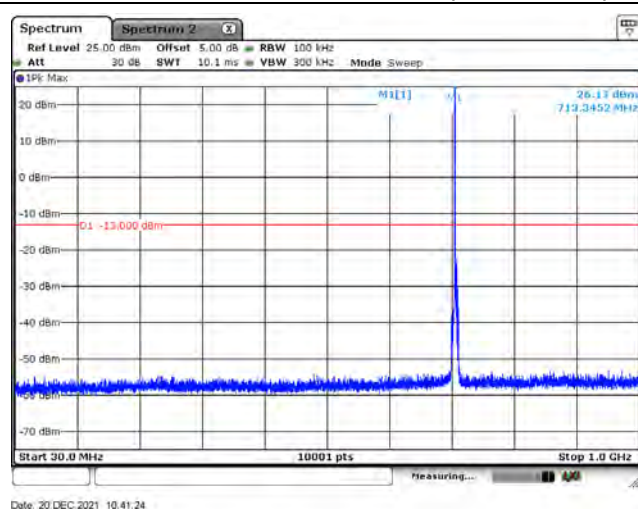
QPSK / CH23095 / 3 MHz / 1RB0 (Below 1GHz)



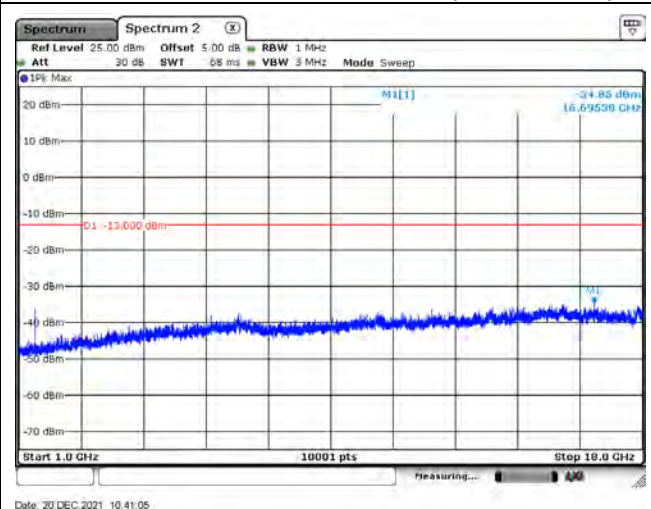
QPSK / CH23095 / 3 MHz / 1RB0 (Above 1GHz)



QPSK / CH23165 / 3 MHz / 1RB0 (Below 1GHz)

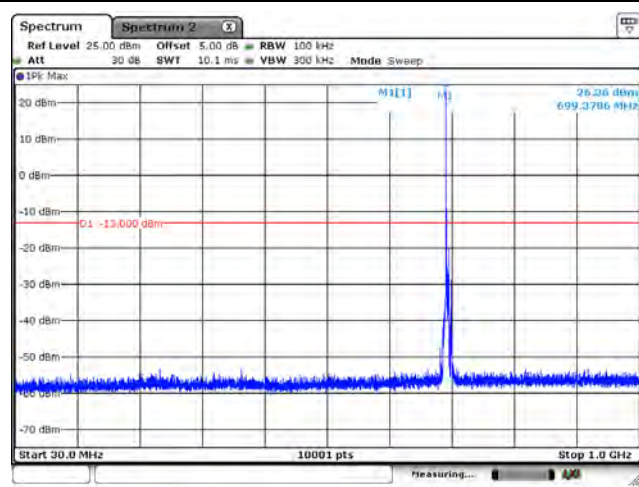


QPSK / CH23165 / 3 MHz / 1RB0 (Above 1GHz)

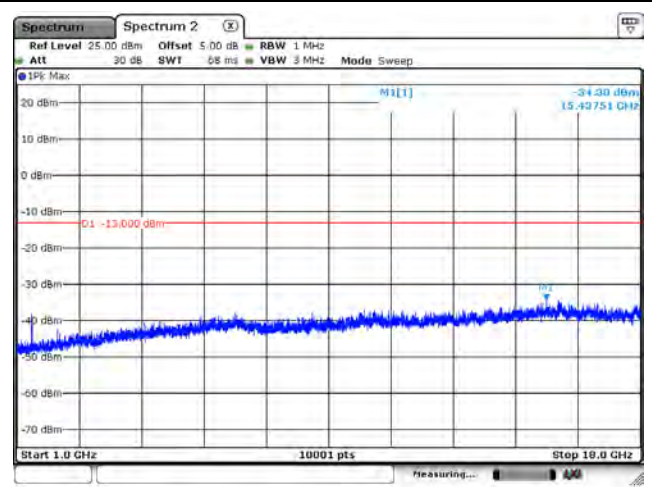


LTE Band 12

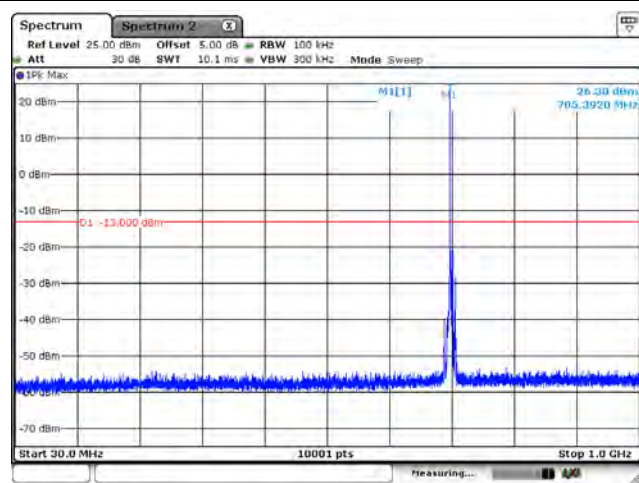
QPSK / CH23035 / 5 MHz / 1RB0 (Below 1GHz)



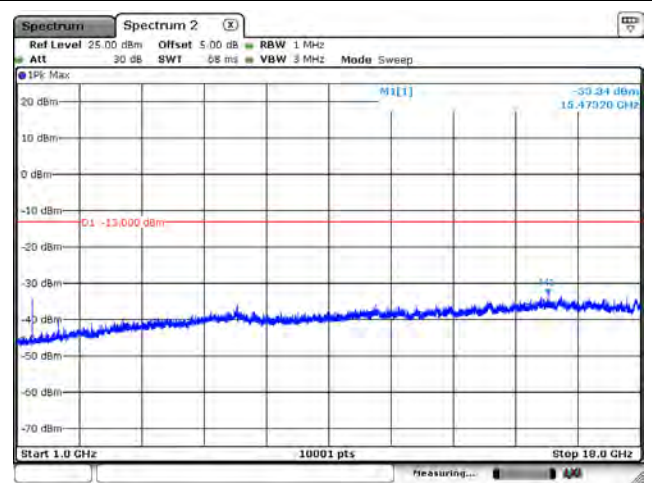
QPSK / CH23035 / 5 MHz / 1RB0 (Above 1GHz)



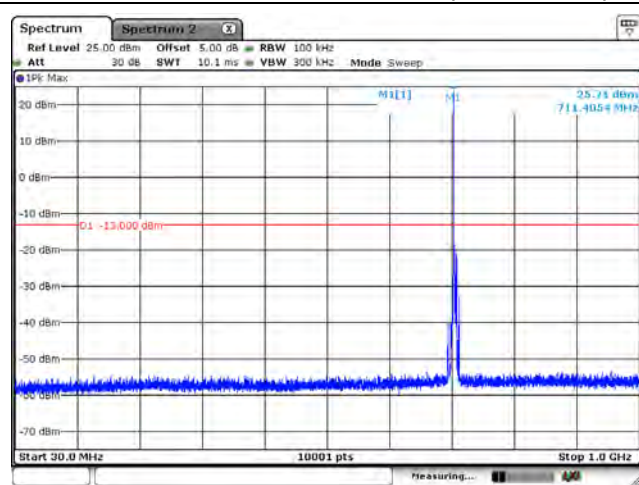
QPSK / CH23095 / 5 MHz / 1RB0 (Below 1GHz)



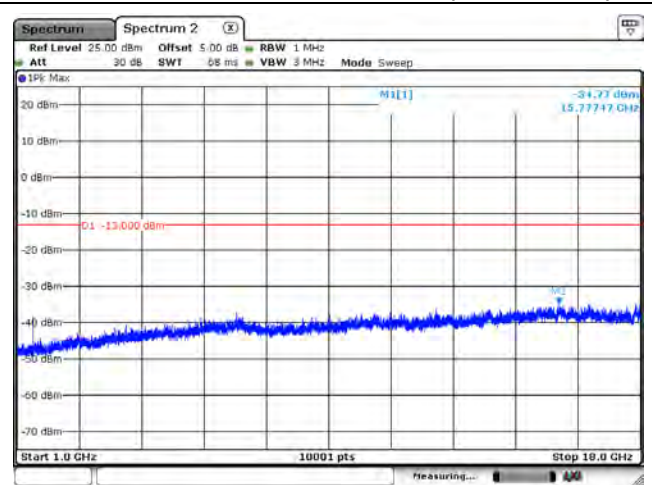
QPSK / CH23095 / 5 MHz / 1RB0 (Above 1GHz)



QPSK / CH23155 / 5 MHz / 1RB0 (Below 1GHz)

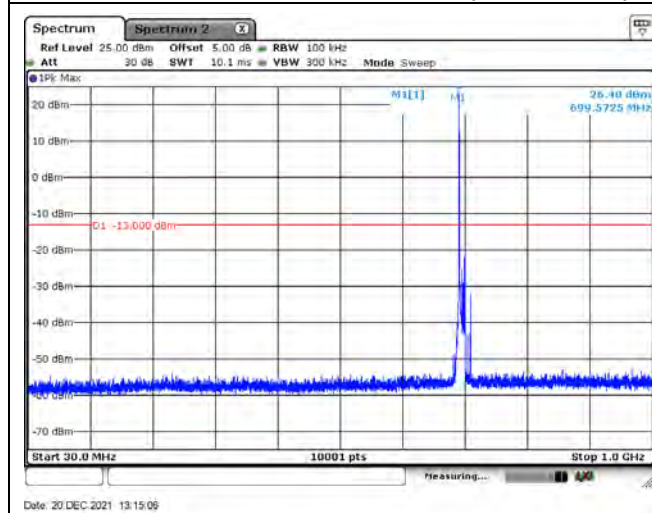


QPSK / CH23155 / 5 MHz / 1RB0 (Above 1GHz)

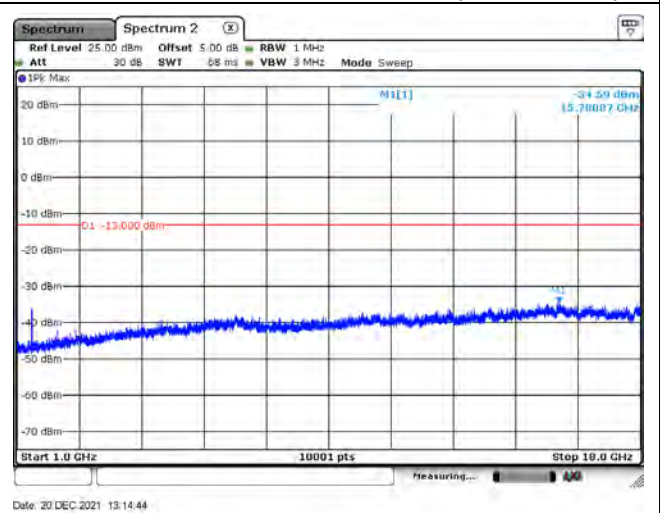


LTE Band 12

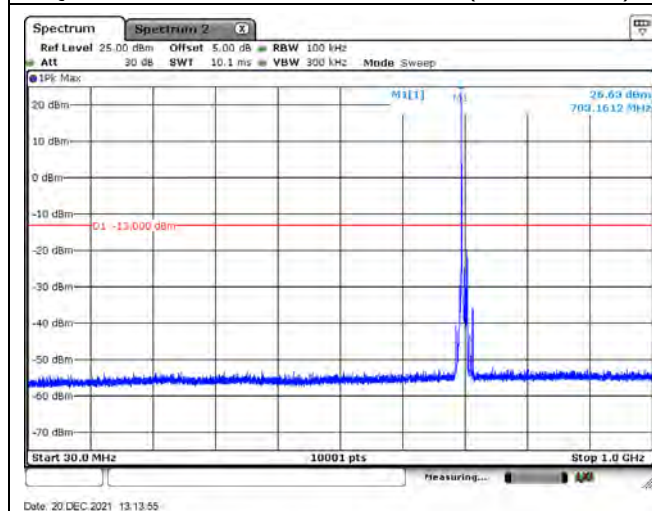
QPSK / CH23060 / 10 MHz / 1RB0 (Below 1GHz)



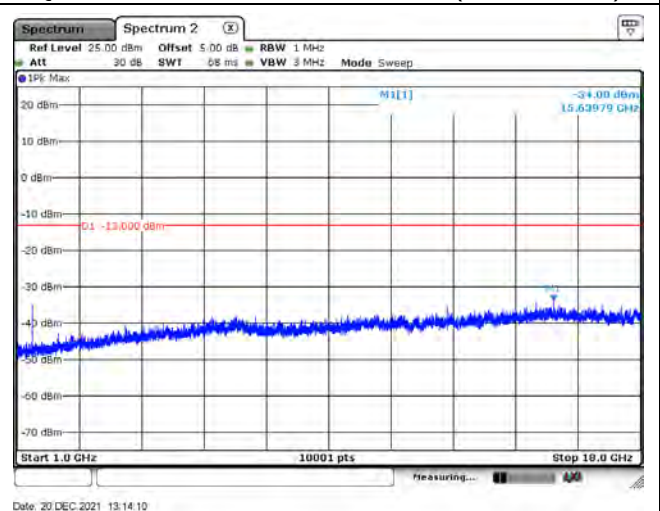
QPSK / CH23060 / 10 MHz / 1RB0 (Above 1GHz)



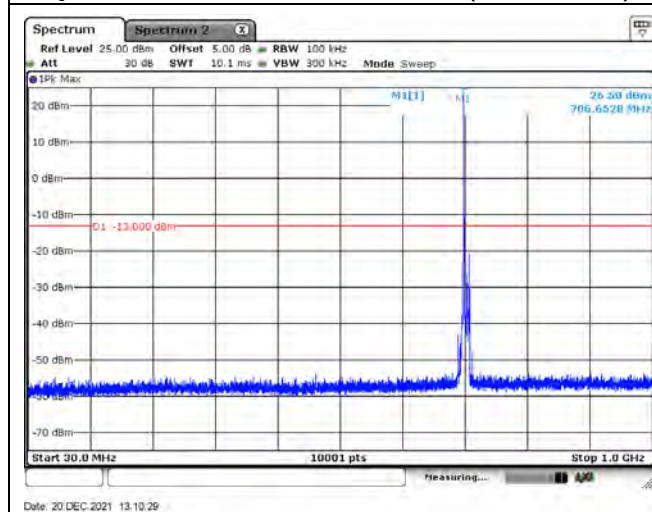
QPSK / CH23095 / 10 MHz / 1RB0 (Below 1GHz)



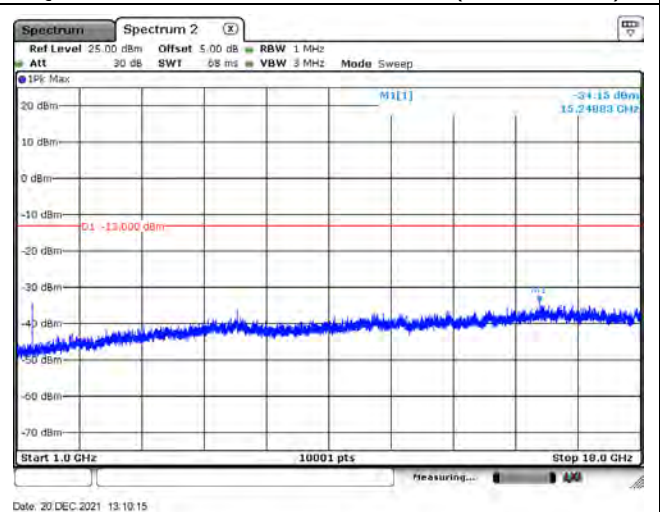
QPSK / CH23095 / 10 MHz / 1RB0 (Above 1GHz)

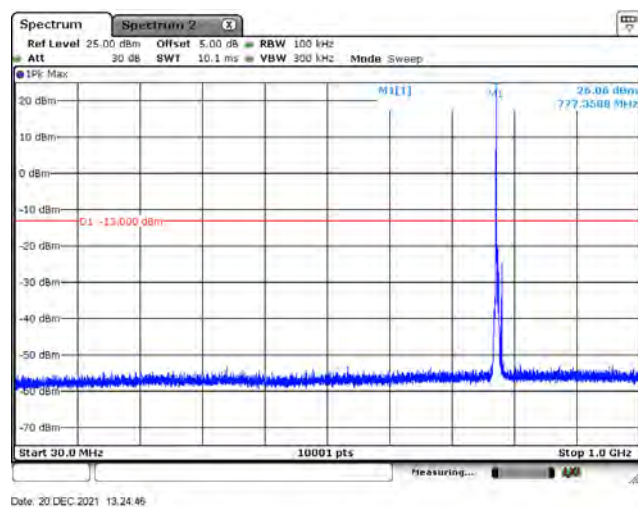
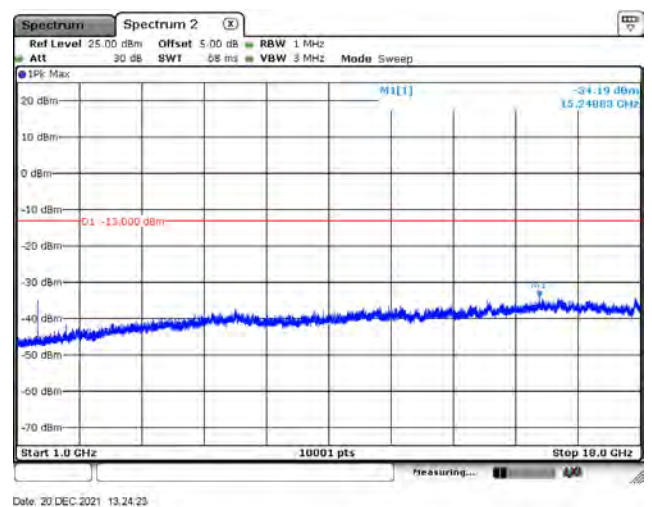
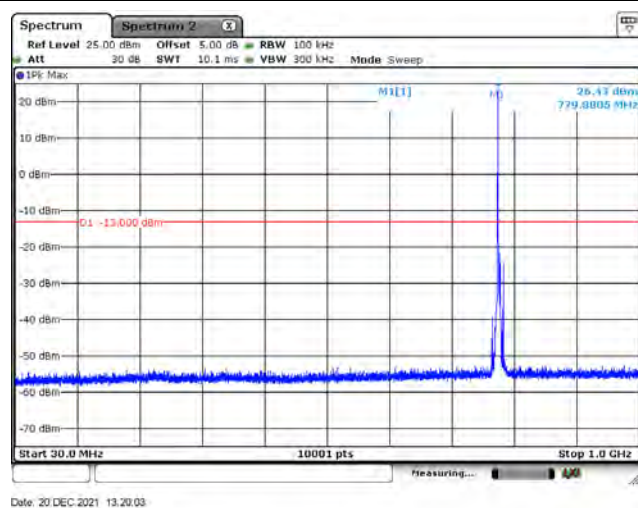
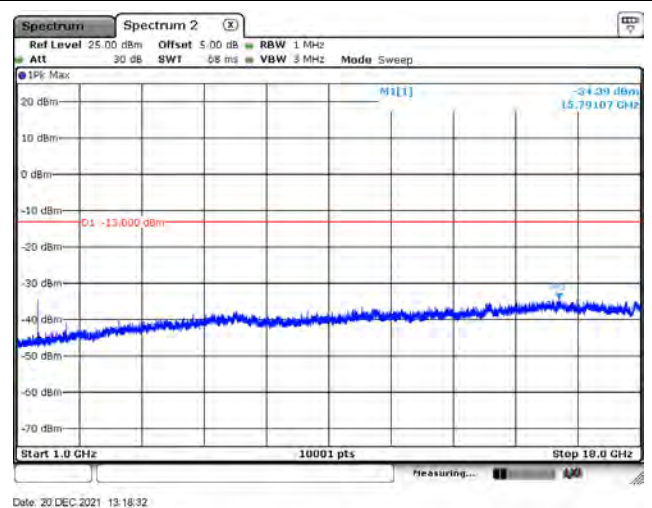
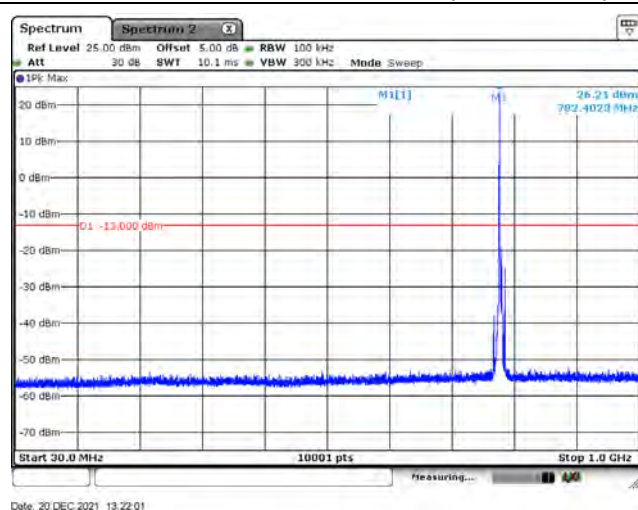
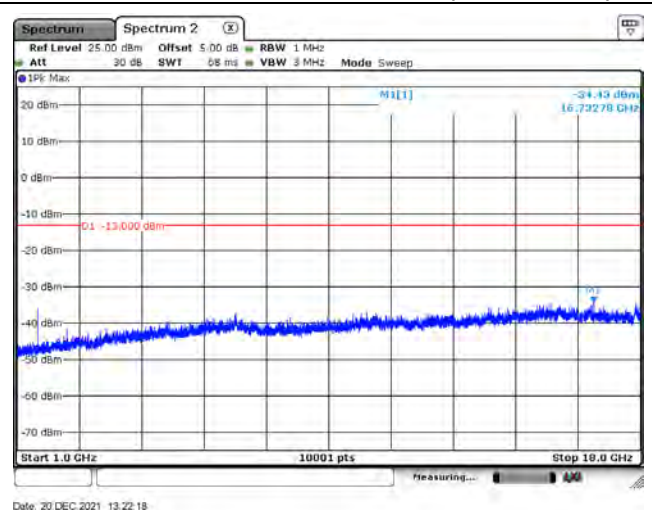


QPSK / CH23130 / 10 MHz / 1RB0 (Below 1GHz)

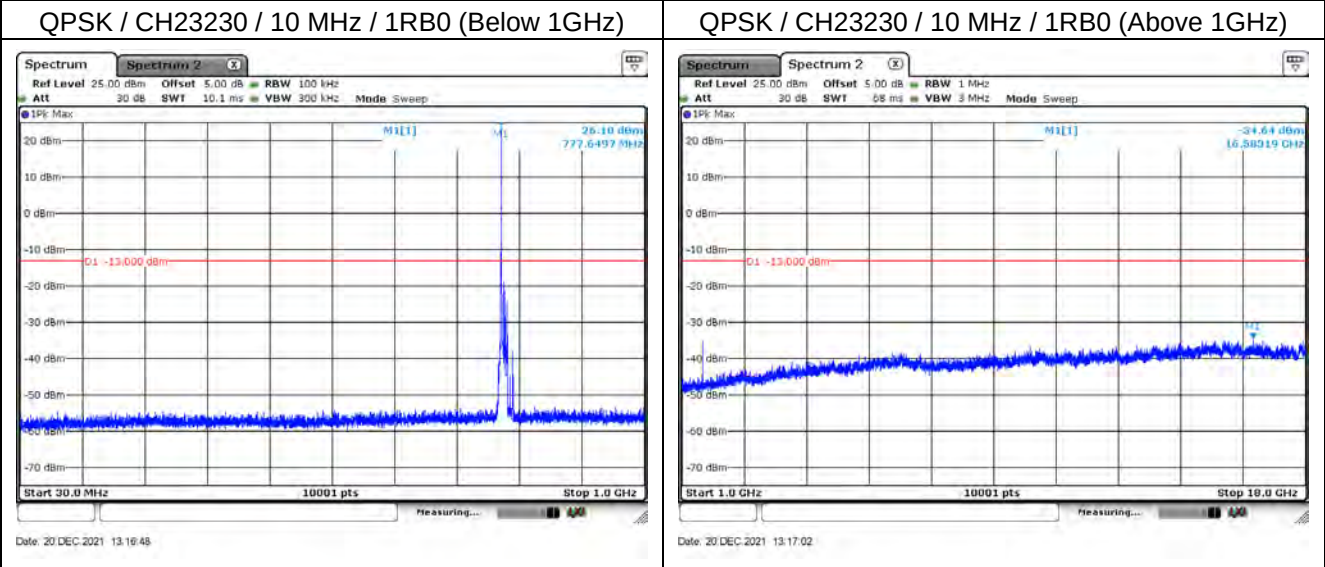


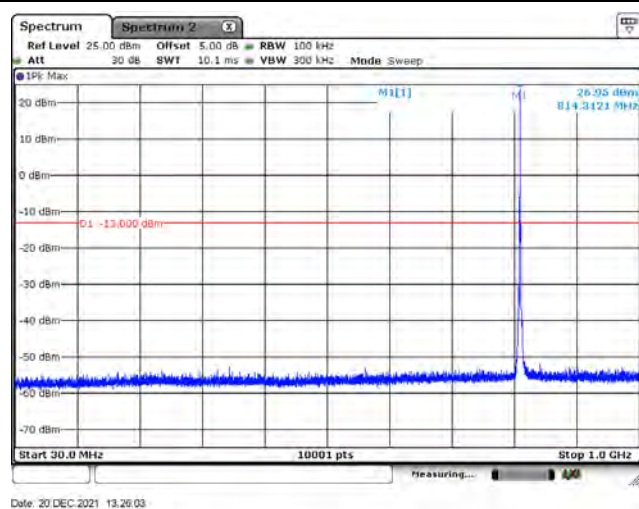
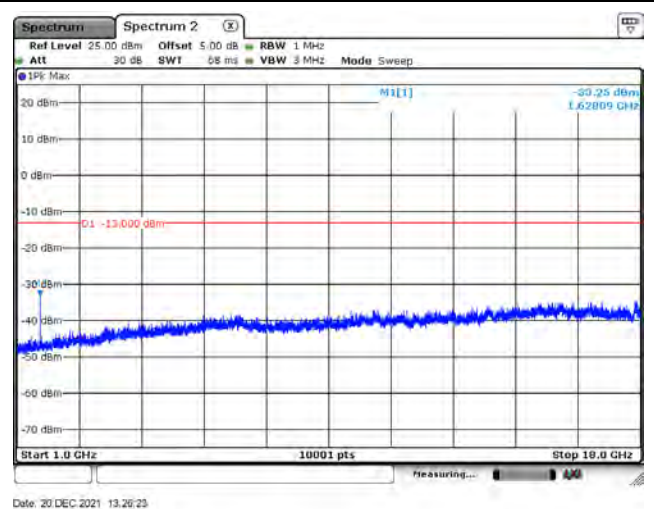
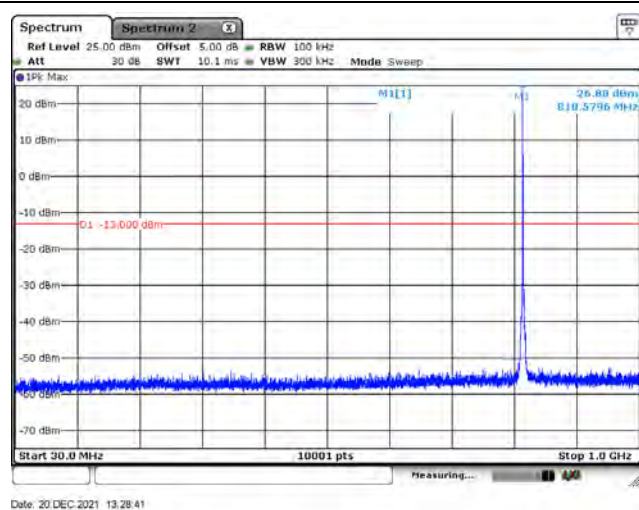
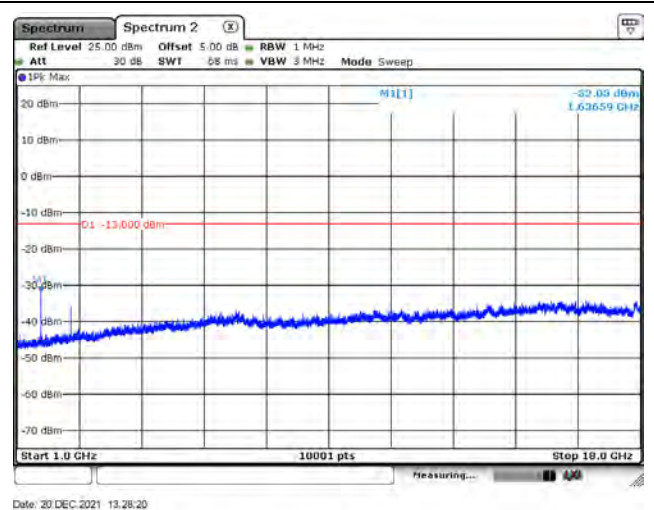
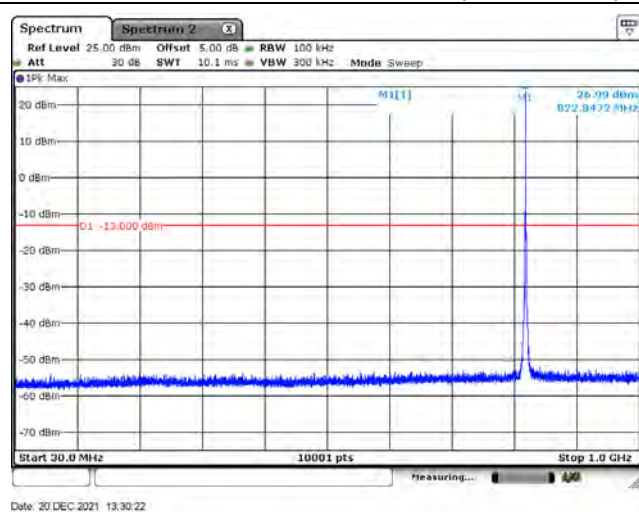
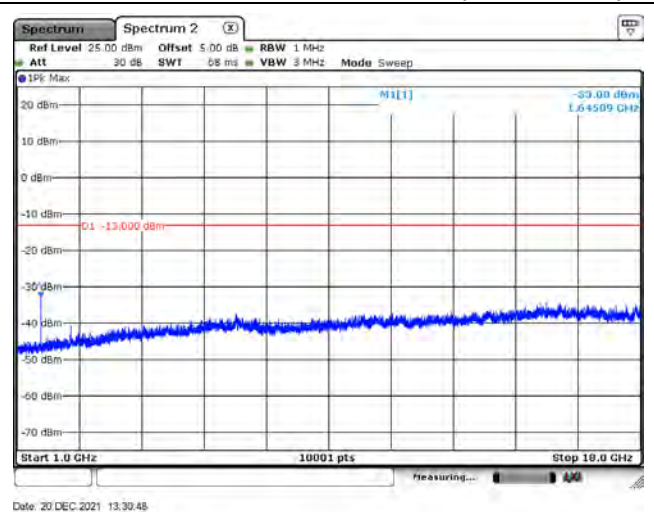
QPSK / CH23130 / 10 MHz / 1RB0 (Above 1GHz)



Mode 5: LTE Band 13**LTE Band 13****QPSK / CH23205 / 5 MHz / 1RB0 (Below 1GHz)****QPSK / CH23205 / 5 MHz / 1RB0 (Above 1GHz)****QPSK / CH23230 / 5 MHz / 1RB0 (Below 1GHz)****QPSK / CH23230 / 5 MHz / 1RB0 (Above 1GHz)****QPSK / CH23255 / 5 MHz / 1RB0 (Below 1GHz)****QPSK / CH23255 / 5 MHz / 1RB0 (Above 1GHz)**

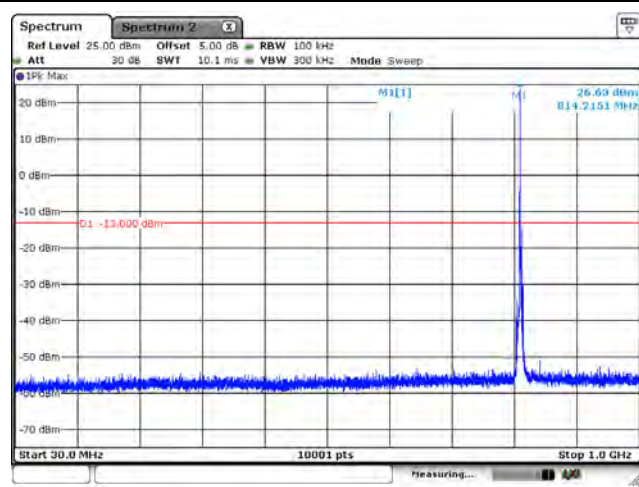
LTE Band 13



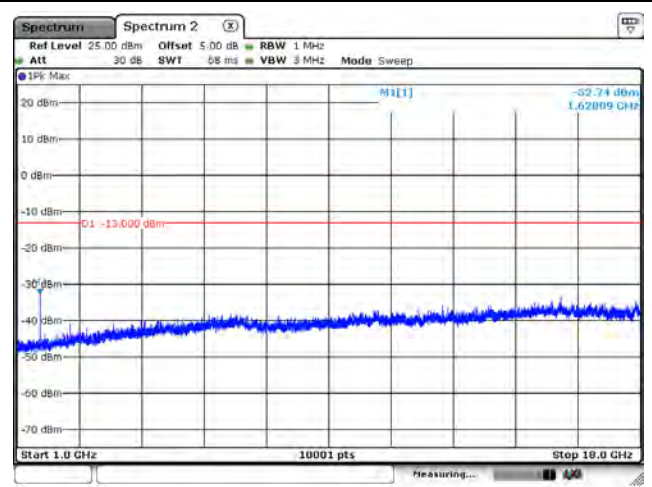
Mode 6: LTE Band 26 (Part 90)**LTE Band 26****QPSK / CH26697 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH26697 / 1.4 MHz / 1RB0 (Above 1GHz)****QPSK / CH26740 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH26740 / 1.4 MHz / 1RB0 (Above 1GHz)****QPSK / CH26783 / 1.4 MHz / 1RB0 (Below 1GHz)****QPSK / CH26783 / 1.4 MHz / 1RB0 (Above 1GHz)**

LTE Band 26

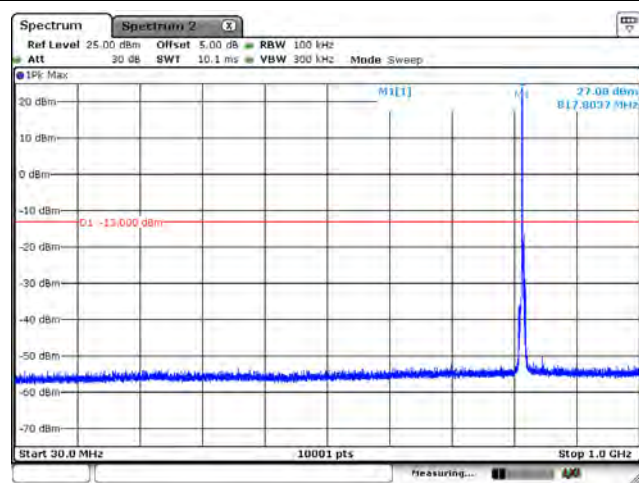
QPSK / CH26705 / 3 MHz / 1RB0 (Below 1GHz)



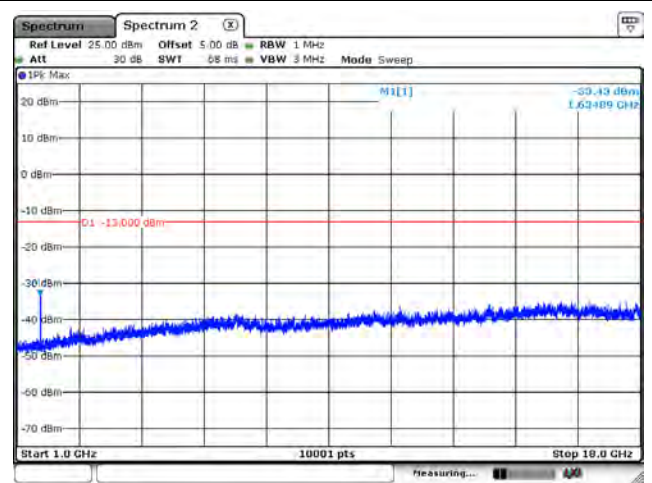
QPSK / CH26705 / 3 MHz / 1RB0 (Above 1GHz)



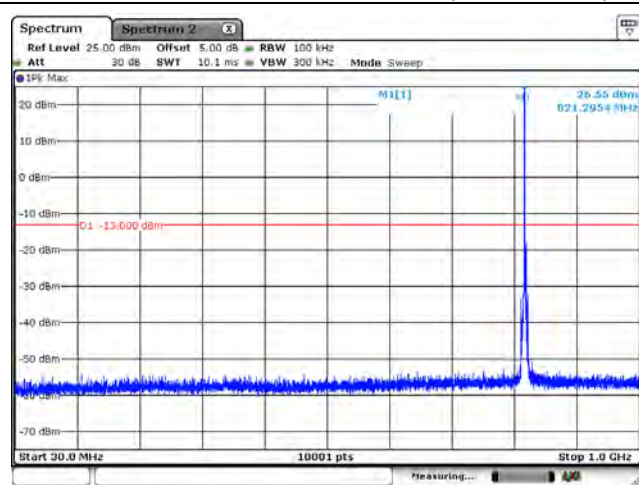
QPSK / CH26740 / 3 MHz / 1RB0 (Below 1GHz)



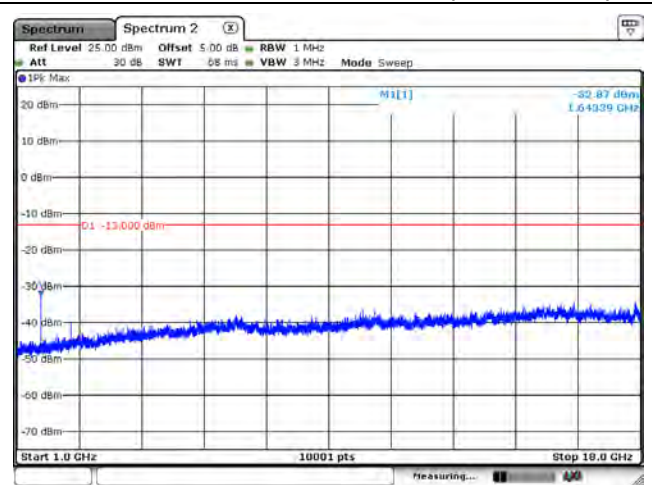
QPSK / CH26740 / 3 MHz / 1RB0 (Above 1GHz)



QPSK / CH26775 / 3 MHz / 1RB0 (Below 1GHz)

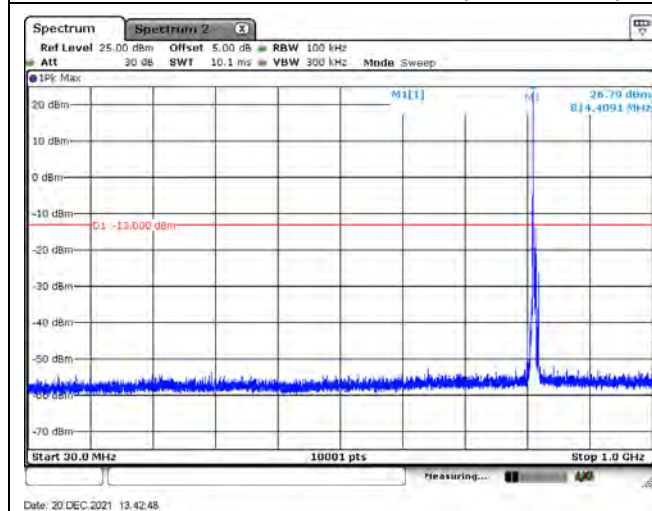


QPSK / CH26775 / 3 MHz / 1RB0 (Above 1GHz)

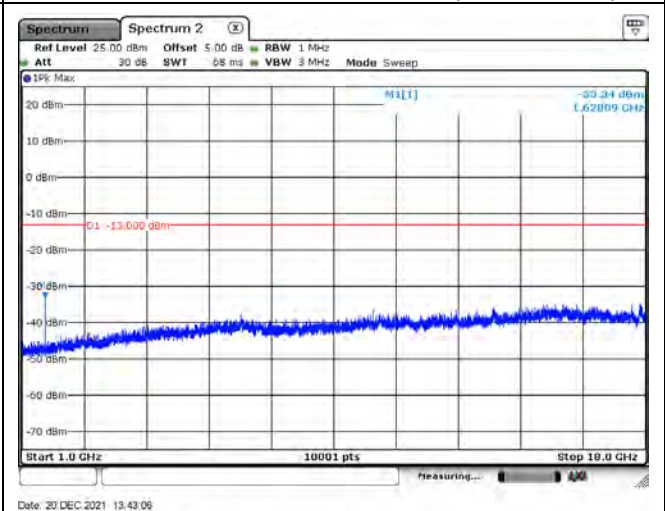


LTE Band 26

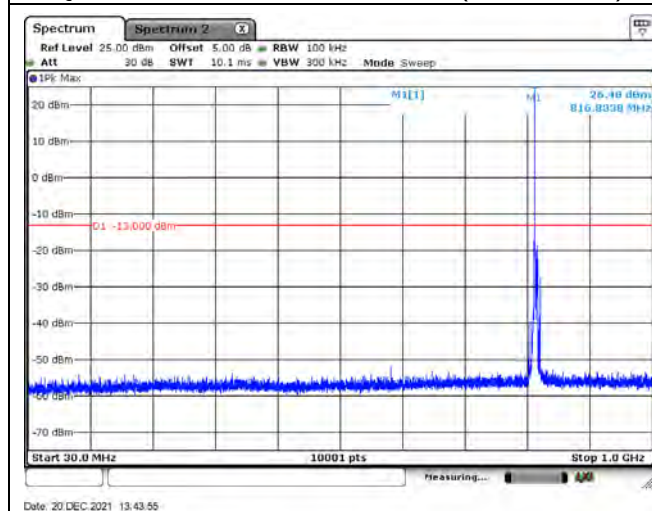
QPSK / CH26715 / 5 MHz / 1RB0 (Below 1GHz)



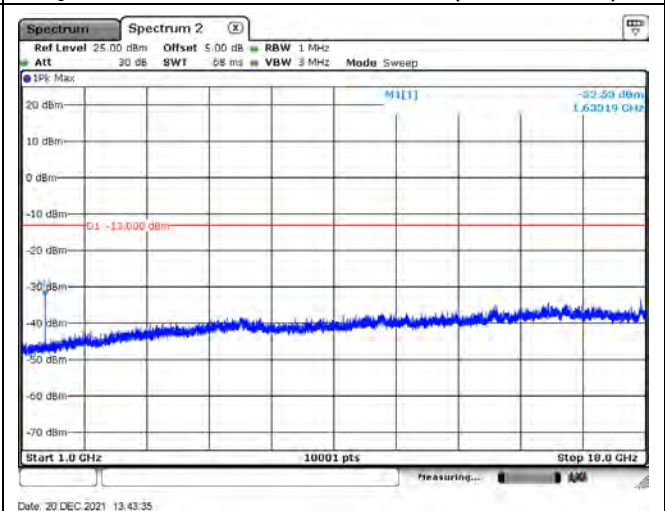
QPSK / CH26715 / 5 MHz / 1RB0 (Above 1GHz)



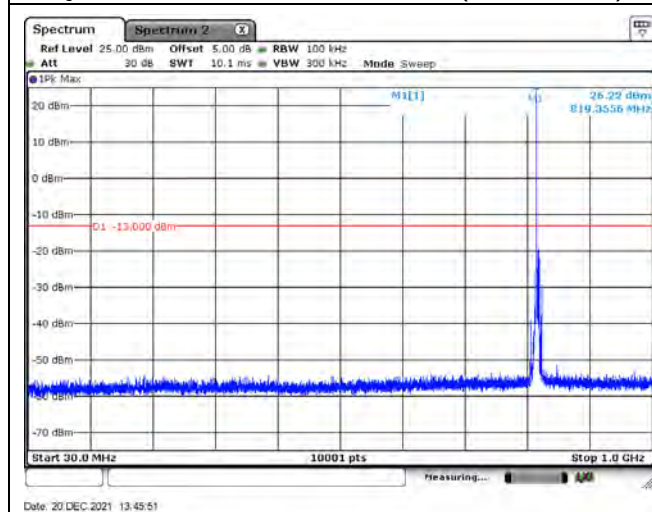
QPSK / CH26740 / 5 MHz / 1RB0 (Below 1GHz)



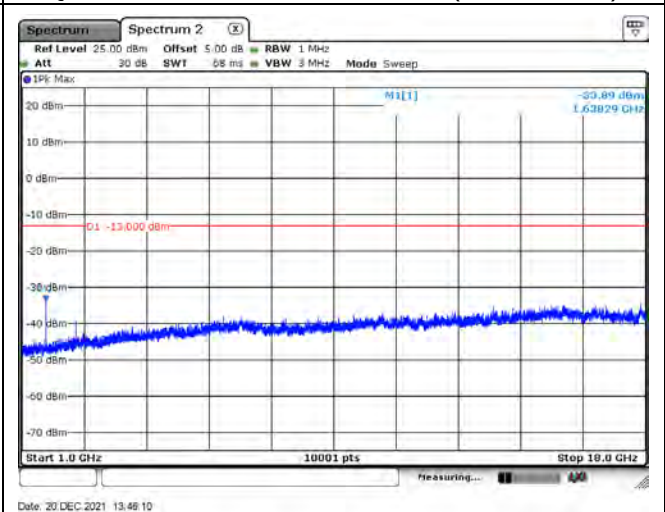
QPSK / CH26740 / 5 MHz / 1RB0 (Above 1GHz)



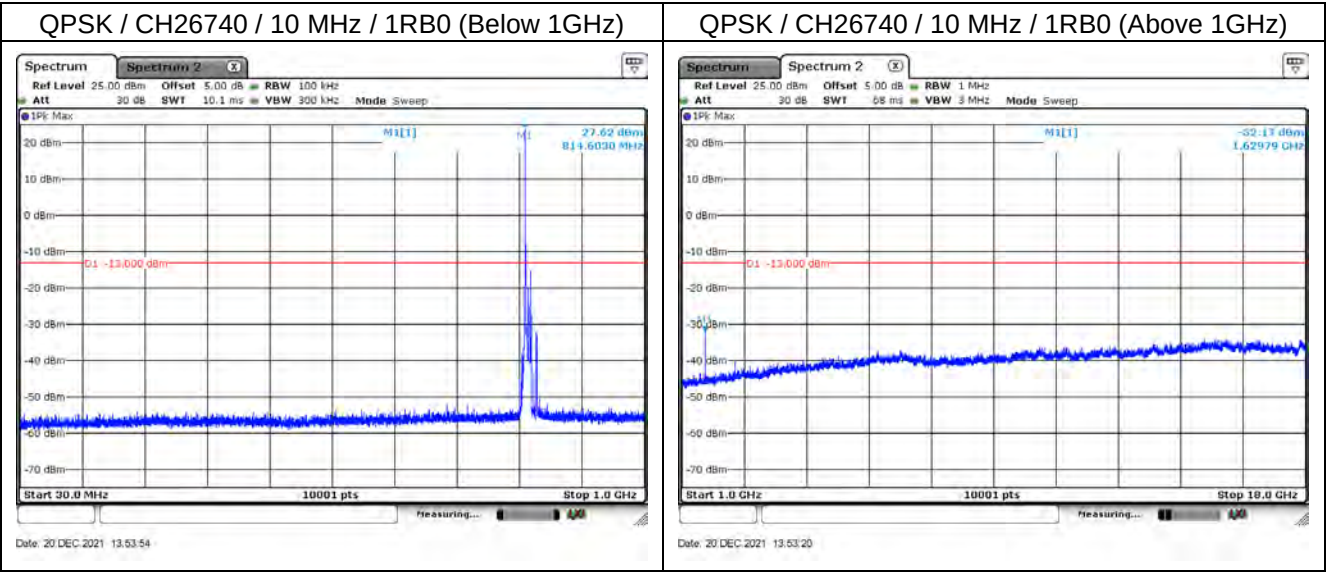
QPSK / CH26765 / 5 MHz / 1RB0 (Below 1GHz)



QPSK / CH26765 / 5 MHz / 1RB0 (Above 1GHz)



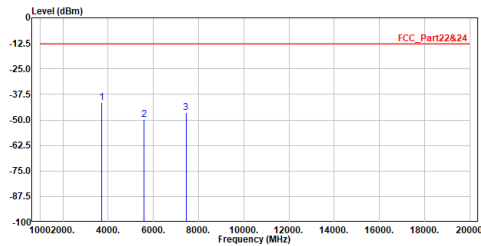
LTE Band 26



6.5. Test Result of Radiated Spurious Emission

Mode 1: LTE Band 2/25

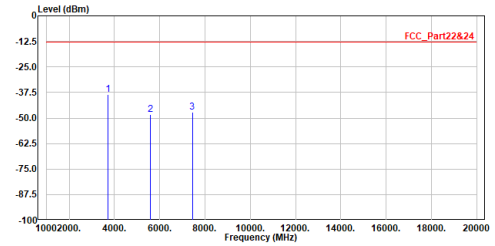
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B25_20M_Ch26140_QPSK_1RB0
Test By :Cyril



No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3720.000	-41.69	-13.00	-28.69	-35.98	-5.71	Peak
2	5580.000	-49.87	-13.00	-36.87	-50.54	0.67	Peak
3	7440.000	-46.39	-13.00	-33.39	-53.75	7.36	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

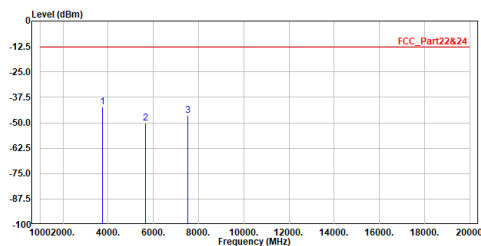
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B25_20M_Ch26140_QPSK_1RB0
Test By :Cyril



No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3720.000	-38.40	-13.00	-25.40	-32.69	-5.71	Peak
2	5580.000	-48.12	-13.00	-35.12	-48.79	0.67	Peak
3	7440.000	-47.28	-13.00	-34.28	-54.64	7.36	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

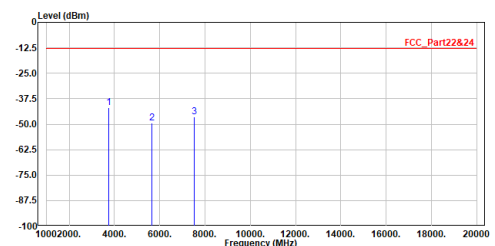
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B25_20M_Ch26365_QPSK_1RB0
Test By :Cyril



No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3765.000	-42.30	-13.00	-29.30	-36.76	-5.54	Peak
2	5647.500	-50.04	-13.00	-37.04	-51.06	1.02	Peak
3	7530.000	-46.44	-13.00	-33.44	-53.84	7.40	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

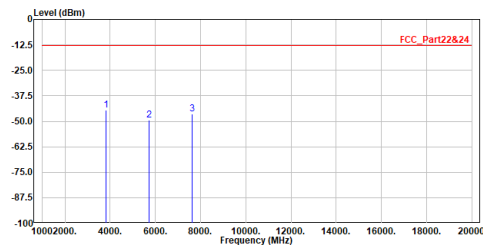
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B25_20M_Ch26365_QPSK_1RB0
Test By :Cyril



No.	Frequency MHz	Level dBm	Limit Line dBm	Over Limit dB	Read Level dBm	Factor dB	Remark
1	3765.000	-41.96	-13.00	-28.96	-36.42	-5.54	Peak
2	5647.500	-49.55	-13.00	-36.55	-50.57	1.02	Peak
3	7530.000	-46.35	-13.00	-33.35	-53.75	7.40	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

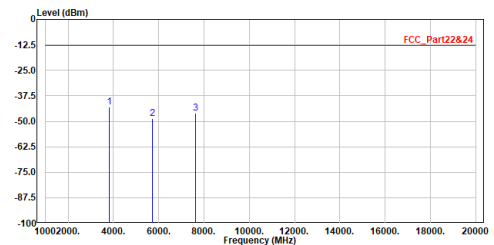
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B25_20M_Ch26590_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3810.000	-44.44	-13.00	-31.44	-39.07	-5.37	Peak
2	5715.000	-49.60	-13.00	-36.60	-50.96	1.36	Peak
3	7620.000	-46.27	-13.00	-33.27	-53.50	7.23	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= $107 + 20\log(3) - 104.8 = 11.8$ dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
Condition :3m Vertical
Mode :LTE_B25_20M_Ch26590_QPSK_1RB0
Test By :Cyril

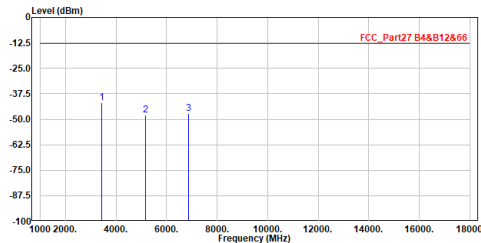


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3810.000	-43.09	-13.00	-30.09	-37.72	-5.37	Peak
2	5715.000	-48.79	-13.00	-35.79	-50.15	1.36	Peak
3	7620.000	-45.99	-13.00	-32.99	-53.22	7.23	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= $107 + 20\log(3) - 104.8 = 11.8$ dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 2: LTE Band 4

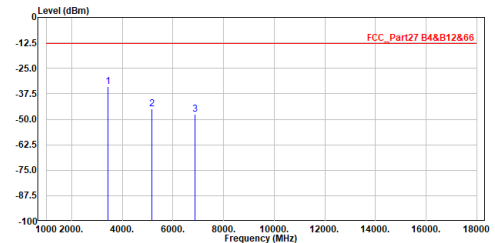
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B4_20M_Ch20050_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3440.000	-41.84	-13.00	-28.84	-35.20	-6.64	Peak
2	5160.000	-47.88	-13.00	-34.88	-47.10	-0.78	Peak
3	6880.000	-47.22	-13.00	-34.22	-53.41	6.19	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

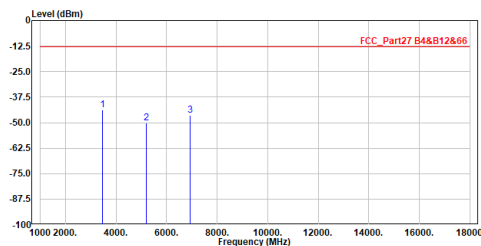
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B4_20M_Ch20050_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3440.000	-33.88	-13.00	-20.88	-27.24	-6.64	Peak
2	5160.000	-44.88	-13.00	-31.88	-44.10	-0.78	Peak
3	6880.000	-47.46	-13.00	-34.46	-53.65	6.19	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

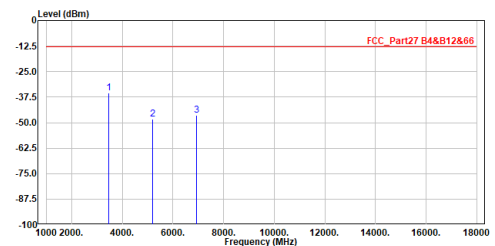
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B4_20M_Ch20175_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3465.000	-43.81	-13.00	-30.81	-37.21	-6.60	Peak
2	5197.500	-50.35	-13.00	-37.35	-49.68	-0.67	Peak
3	6930.000	-46.31	-13.00	-33.31	-52.75	6.44	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

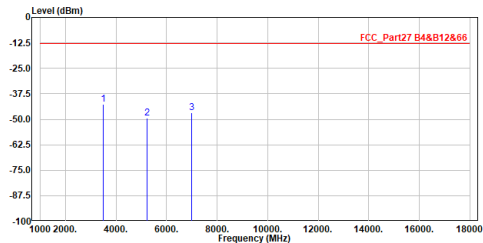
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B4_20M_Ch20175_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	3465.000	-35.56	-13.00	-22.56	-28.96	-6.60	Peak
2	5197.500	-48.41	-13.00	-35.41	-47.74	-0.67	Peak
3	6930.000	-46.57	-13.00	-33.57	-53.01	6.44	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

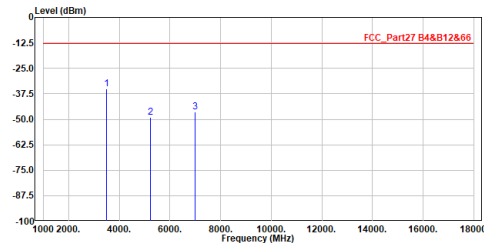
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B4_20M_Ch20300_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3490.000	-42.62	-13.00	-29.62	-36.04	-6.58	Peak
2	5235.000	-49.56	-13.00	-36.56	-49.00	-0.56	Peak
3	6980.000	-46.92	-13.00	-33.92	-53.62	6.70	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
Condition :3m Vertical
Mode :LTE_B4_20M_Ch20300_QPSK_1RB0
Test By :Cyril

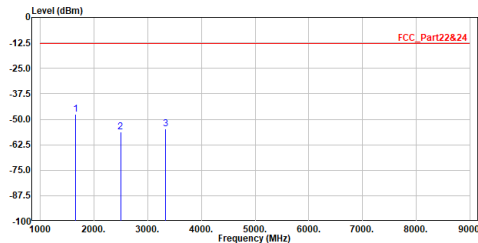


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	Limit	Level	dB	
1	3490.000	-34.91	-13.00	-21.91	-28.33	-6.58	Peak
2	5235.000	-49.09	-13.00	-36.09	-48.53	-0.56	Peak
3	6980.000	-46.57	-13.00	-33.57	-53.27	6.70	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 3: LTE Band 5/26 (Part 22)

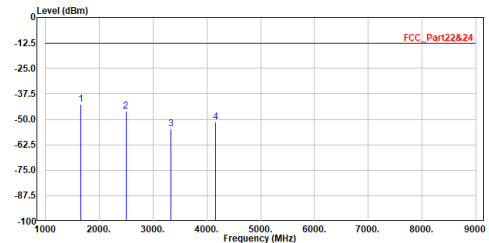
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B26_Ch26865_15M_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1663.000	-47.73	-13.00	-34.73	-34.98	-12.75	Peak
2	2494.500	-56.08	-13.00	-43.08	-46.75	-9.33	Peak
3	3326.000	-54.82	-13.00	-41.82	-48.03	-6.79	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

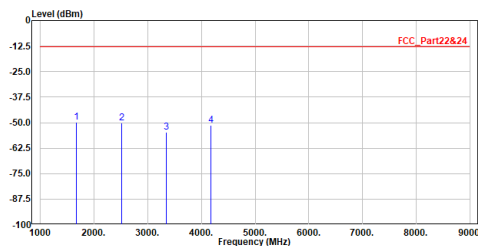
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B26_Ch26865_15M_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1663.000	-42.62	-13.00	-29.62	-29.87	-12.75	Peak
2	2494.500	-46.03	-13.00	-33.03	-36.70	-9.33	Peak
3	3326.000	-54.89	-13.00	-41.89	-48.10	-6.79	Peak
4	4157.500	-51.48	-13.00	-38.48	-47.29	-4.19	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

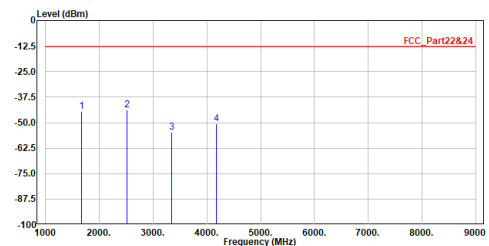
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B26_Ch26915_15M_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1673.000	-49.69	-13.00	-36.69	-36.99	-12.70	Peak
2	2509.500	-50.09	-13.00	-37.09	-40.83	-9.26	Peak
3	3346.000	-54.67	-13.00	-41.67	-47.91	-6.76	Peak
4	4182.500	-51.38	-13.00	-38.38	-47.26	-4.12	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

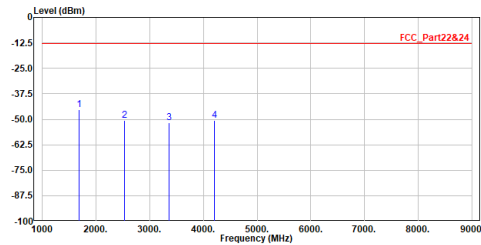
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B26_Ch26915_15M_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1673.000	-44.55	-13.00	-31.55	-31.85	-12.70	Peak
2	2509.500	-43.70	-13.00	-30.70	-34.44	-9.26	Peak
3	3346.000	-54.76	-13.00	-41.76	-48.00	-6.76	Peak
4	4182.500	-50.44	-13.00	-37.44	-46.32	-4.12	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
 Condition :3m Horizontal
 Mode :LTE_B26_Ch26965_15M_QPSK_1RB0
 Test By :Cyril

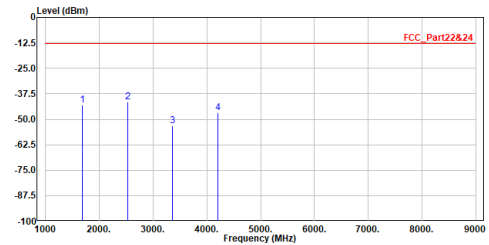


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1683.000	-45.36	-13.00	-32.36	-32.69	-12.67	Peak
2	2524.500	-50.70	-13.00	-37.70	-41.51	-9.19	Peak
3	3366.000	-51.58	-13.00	-38.58	-44.85	-6.73	Peak
4	4207.500	-50.68	-13.00	-37.68	-46.64	-4.04	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
 Condition :3m Vertical
 Mode :LTE_B26_Ch26965_15M_QPSK_1RB0
 Test By :Cyril



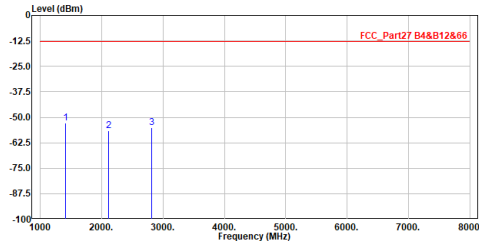
No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1683.000	-42.94	-13.00	-29.94	-30.27	-12.67	Peak
2	2524.500	-41.34	-13.00	-28.34	-32.15	-9.19	Peak
3	3366.000	-53.13	-13.00	-40.13	-46.40	-6.73	Peak
4	4207.500	-46.67	-13.00	-33.67	-42.63	-4.04	Peak

Note:

1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
 $= 107 + 20\log(3) - 104.8 = 11.8 \text{ dB}$
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 4: LTE Band 12

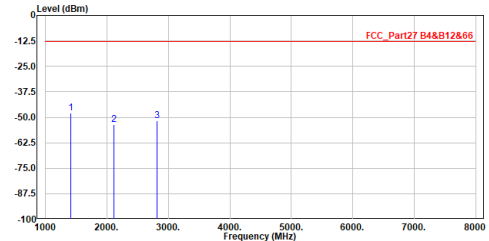
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B12_10M_Ch23060_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1408.000	-52.82	-13.00	-39.82	-39.22	-13.60	Peak
2	2112.000	-56.47	-13.00	-43.47	-45.41	-11.06	Peak
3	2816.000	-55.15	-13.00	-42.15	-47.17	-7.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

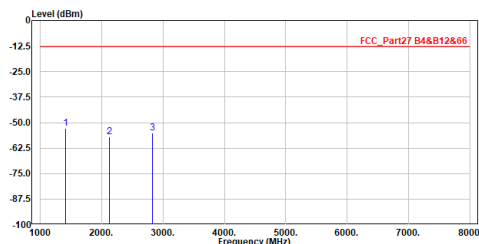
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B12_10M_Ch23060_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1408.000	-48.02	-13.00	-35.02	-34.42	-13.60	Peak
2	2112.000	-53.64	-13.00	-40.64	-42.58	-11.06	Peak
3	2816.000	-51.56	-13.00	-38.56	-43.58	-7.98	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

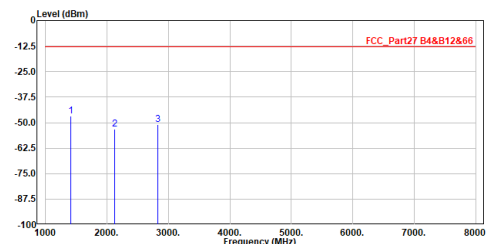
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B12_10M_Ch23095_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1415.000	-52.73	-13.00	-39.73	-39.16	-13.57	Peak
2	2122.500	-56.86	-13.00	-43.86	-45.84	-11.02	Peak
3	2830.000	-55.13	-13.00	-42.13	-47.21	-7.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

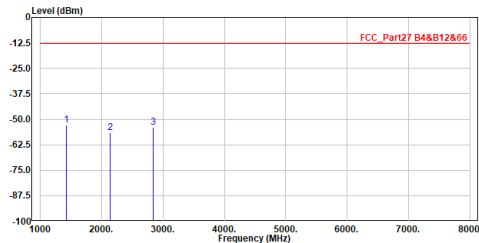
Site :CB2-H
Condition :3m Vertical
Mode :LTE_B12_10M_Ch23095_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	Line	Limit	Level	dB	
1	1415.000	-46.82	-13.00	-33.82	-33.25	-13.57	Peak
2	2122.500	-53.12	-13.00	-40.12	-42.10	-11.02	Peak
3	2830.000	-50.91	-13.00	-37.91	-42.99	-7.92	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

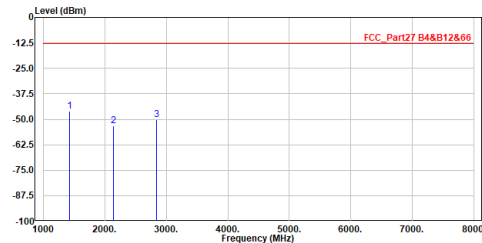
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B12_10M_Ch23130_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1422.000	-52.67	-13.00	-39.67	-39.12	-13.55	Peak
2	2133.000	-56.71	-13.00	-43.71	-45.75	-10.96	Peak
3	2844.000	-53.97	-13.00	-40.97	-46.12	-7.85	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
Condition :3m Vertical
Mode :LTE_B12_10M_Ch23130_QPSK_1RB0
Test By :Cyril

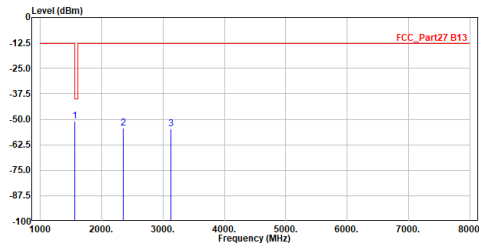


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1422.000	-46.05	-13.00	-33.05	-32.50	-13.55	Peak
2	2133.000	-53.06	-13.00	-40.06	-42.10	-10.96	Peak
3	2844.000	-50.31	-13.00	-37.31	-42.46	-7.85	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 5: LTE Band 13

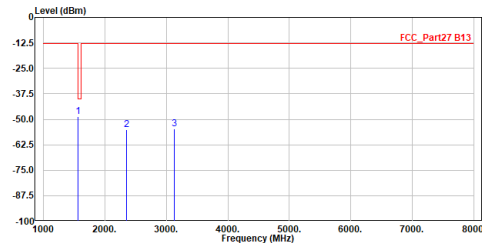
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B13_10M_Ch23230_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1564.000	-51.08	-40.00	-11.08	-37.99	-13.09	Peak
2	2346.000	-54.37	-13.00	-41.37	-44.37	-10.00	Peak
3	3128.000	-54.76	-13.00	-41.76	-47.72	-7.04	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
Condition :3m Vertical
Mode :LTE_B13_10M_Ch23230_QPSK_1RB0
Test By :Cyril

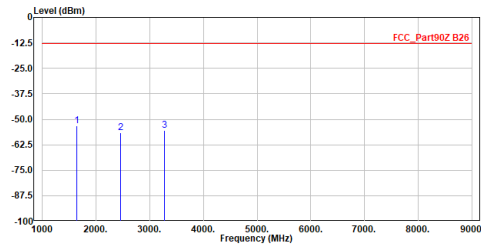


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1564.000	-48.67	-40.00	-8.67	-35.58	-13.09	Peak
2	2346.000	-55.03	-13.00	-42.03	-45.03	-10.00	Peak
3	3128.000	-54.79	-13.00	-41.79	-47.75	-7.04	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= 107 + 20log(3) - 104.8 = 11.8 dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Mode 6: LTE Band 26 (Part 90)

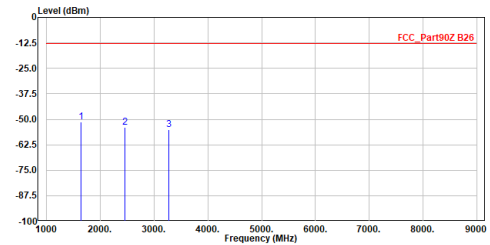
Site :CB2-H
Condition :3m Horizontal
Mode :LTE_B26_10M_Ch26740_QPSK_1RB0
Test By :Cyril



No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1638.000	-53.10	-13.00	-40.10	-40.27	-12.83	Peak
2	2457.000	-56.74	-13.00	-43.74	-47.24	-9.50	Peak
3	3276.000	-55.28	-13.00	-42.28	-48.42	-6.86	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= $107 + 20\log(3) - 104.8 = 11.8$ dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

Site :CB2-H
Condition :3m Vertical
Mode :LTE_B26_10M_Ch26740_QPSK_1RB0
Test By :Cyril

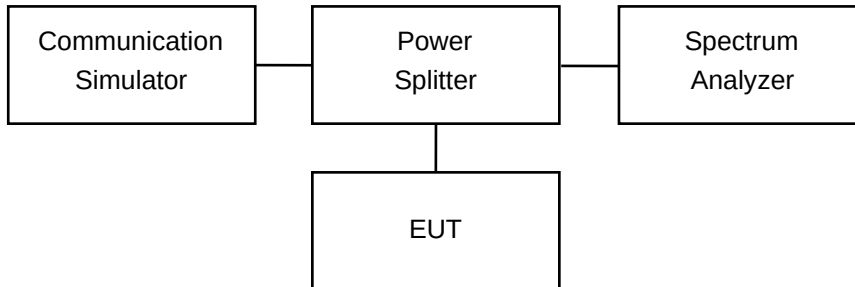


No.	Frequency	Level	Limit	Over	Read	Factor	Remark
	MHz	dBm	dBm	dB	dBm	dB	
1	1638.000	-51.33	-13.00	-38.33	-38.50	-12.83	Peak
2	2457.000	-54.03	-13.00	-41.03	-44.53	-9.50	Peak
3	3276.000	-55.21	-13.00	-42.21	-48.35	-6.86	Peak

Note:
1. Level = Read Level + Factor
2. Factor = Antenna Factor + Cable Loss - Preamp Factor + Aux Factor
3. Over Limit = Level - Limit Line
4. Aux Factor = Convert E (dBuVm) to EIRP (dBm)
= $107 + 20\log(3) - 104.8 = 11.8$ dB
5. The other emission levels were very low against the limit.
6. The emission under 1GHz was not included since the emission levels are very low against the limit.

7. Conducted Band Edge

7.1. Test Setup



7.2. Test Procedure

1. The EUT makes a call to the communication simulator. The communication simulator station system controlled a EUT to export maximum output power under transmission mode and specific channel frequency. The path loss was compensated to the results for each measurement.
2. In the 1MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions.

7.3. Test Methodology and Reference Procedures

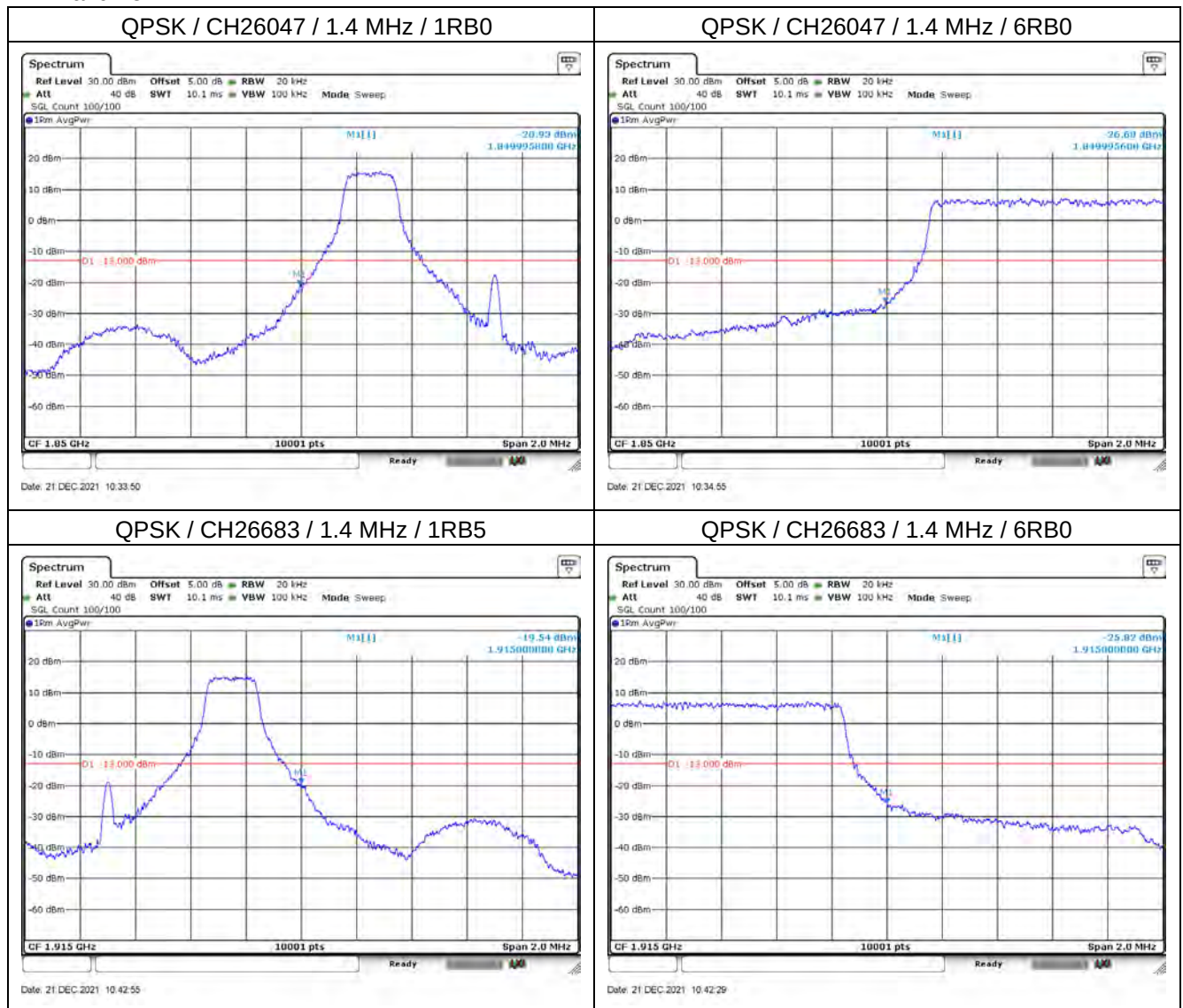
KDB 971168 D01 Power Meas License Digital Systems v03r01

ANSI C63.26-2015

7.4. Test Result of Conducted Band Edge

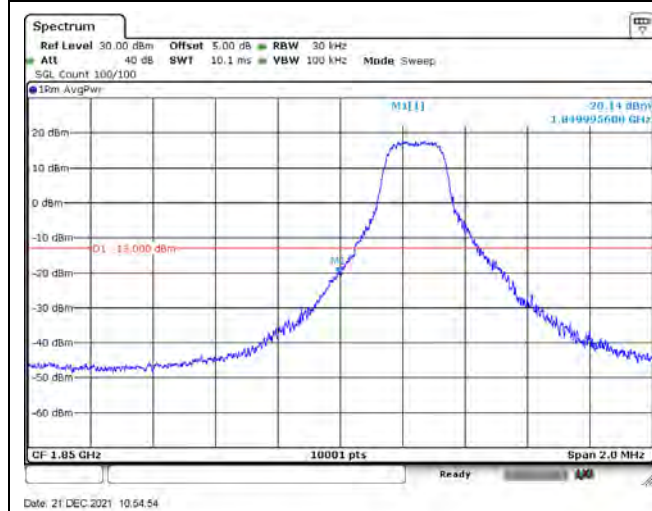
Mode 1: LTE Band 2/25

LTE Band 25

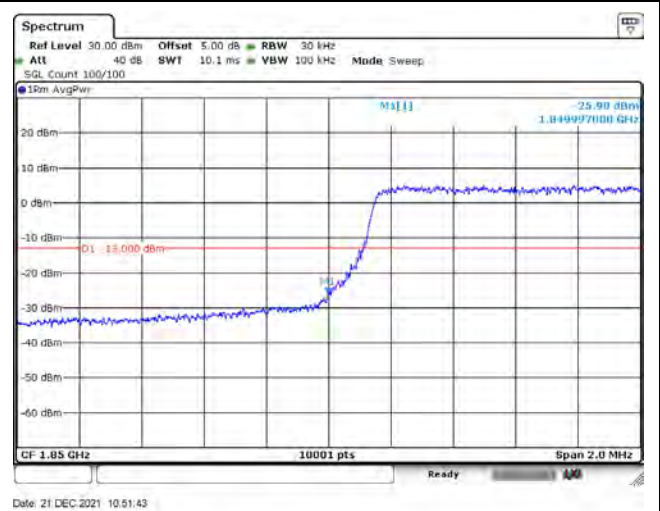


LTE Band 25

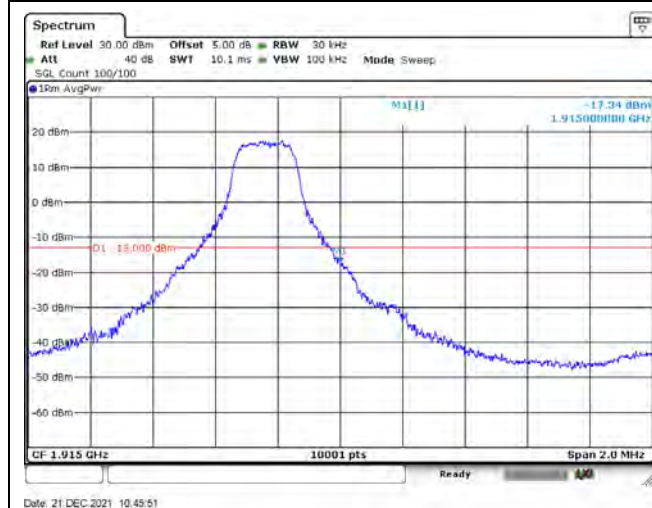
QPSK / CH26055 / 3 MHz / 1RB0



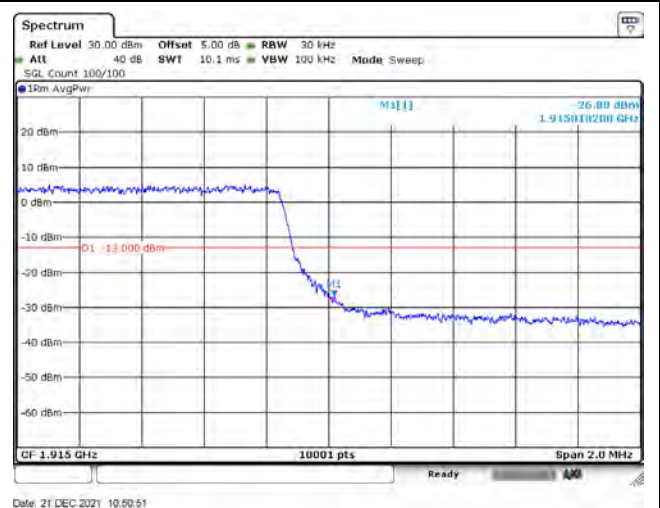
QPSK / CH26055 / 3 MHz / 15RB0



QPSK / CH26675 / 3 MHz / 1RB14

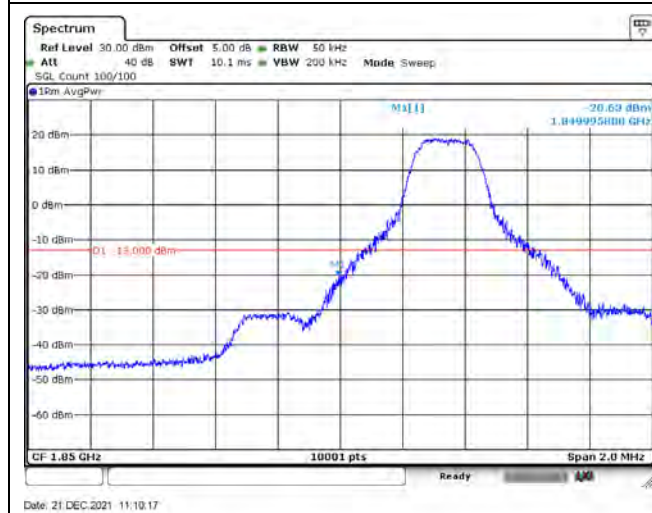


QPSK / CH26675 / 3 MHz / 15RB0

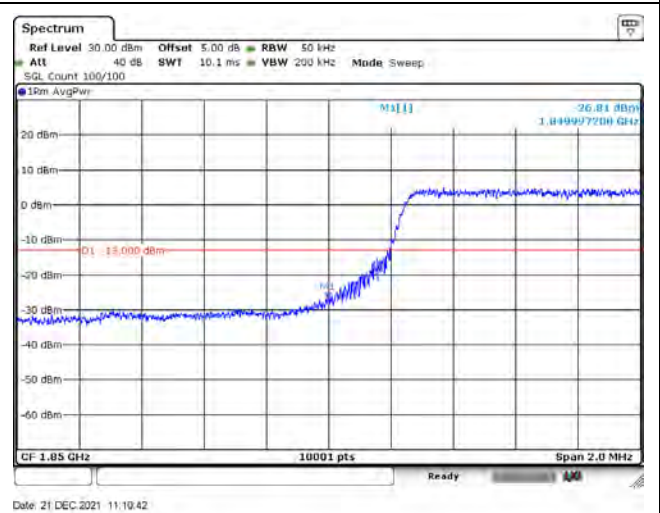


LTE Band 25

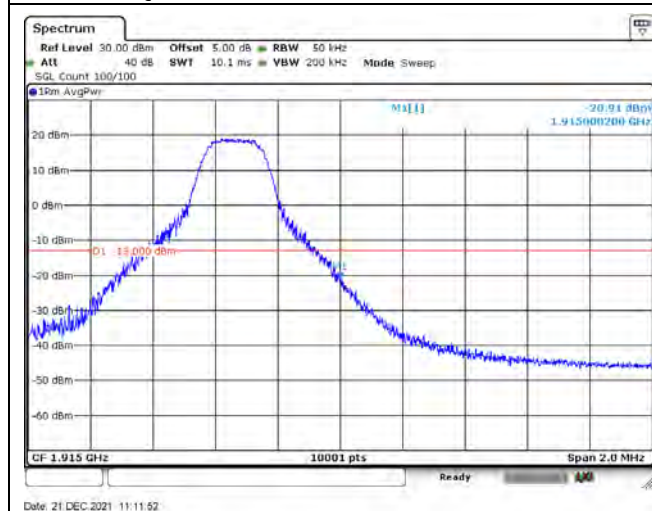
QPSK / CH26065 / 5 MHz / 1RB0



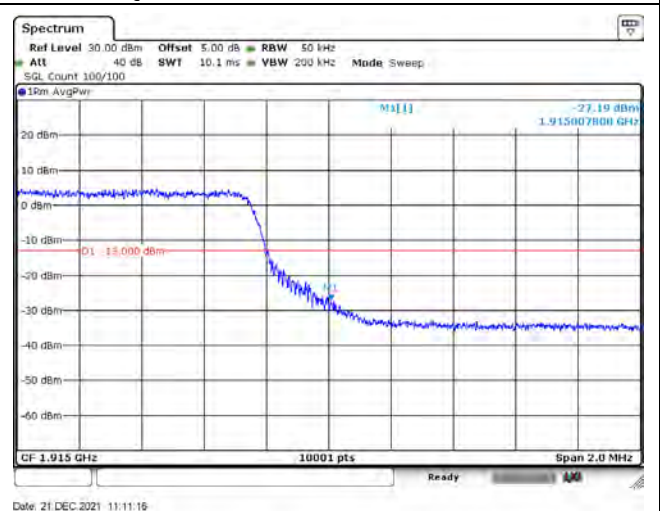
QPSK / CH26065 / 5 MHz / 25RB0



QPSK / CH26665 / 5 MHz / 1RB24

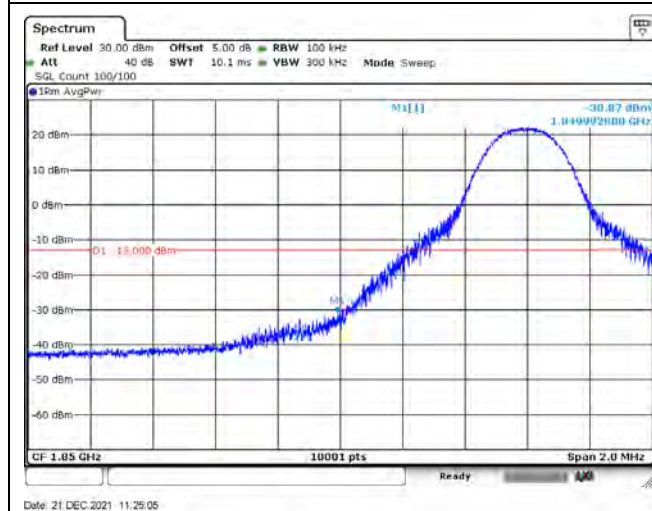


QPSK / CH26665 / 5 MHz / 25RB0

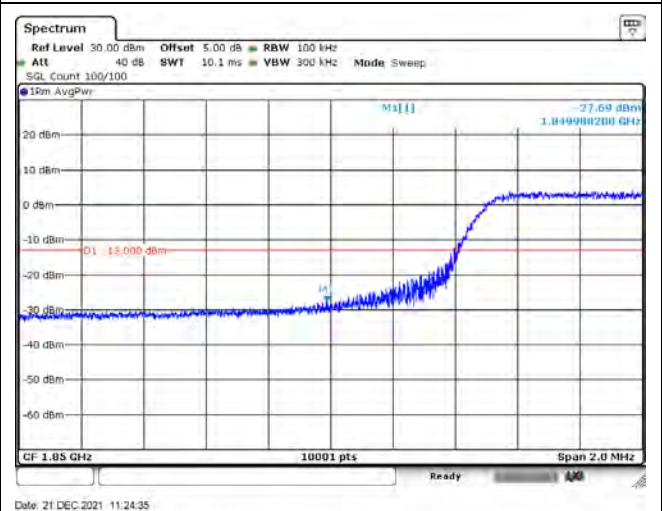


LTE Band 25

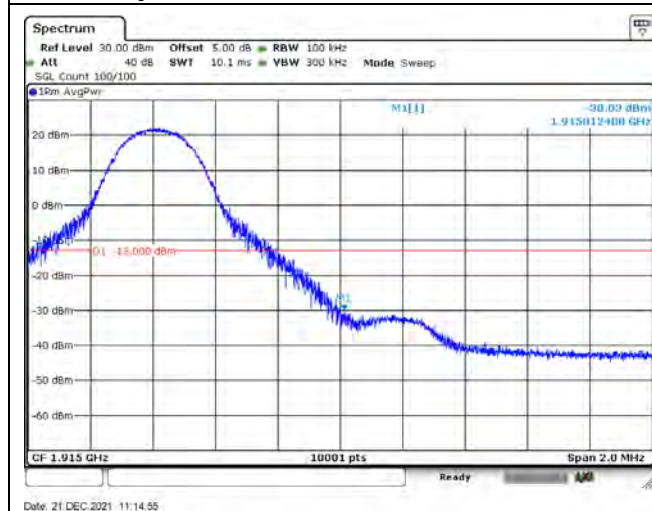
QPSK / CH26090 / 10 MHz / 1RB0



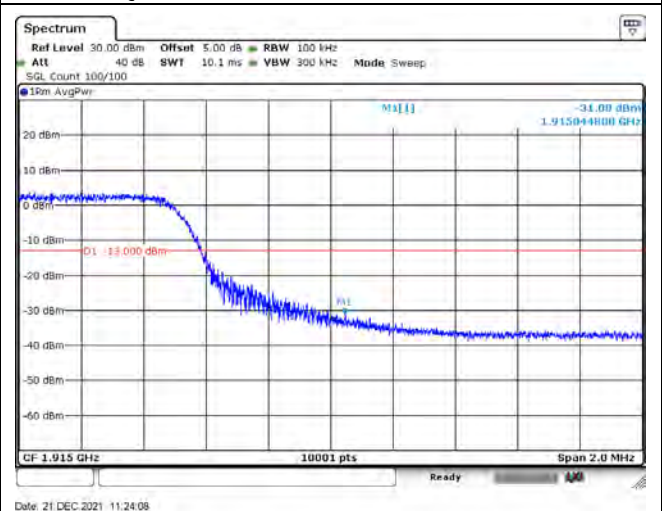
QPSK / CH26090 / 10 MHz / 50RB0



QPSK / CH26640 / 10 MHz / 1RB49

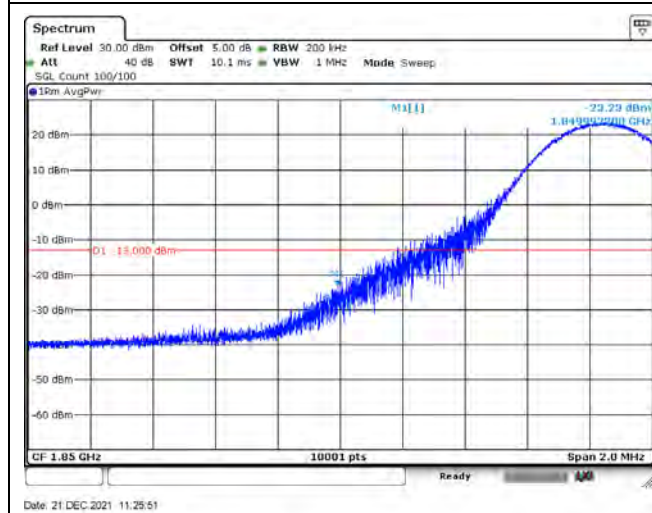


QPSK / CH26640 / 10 MHz / 50RB0

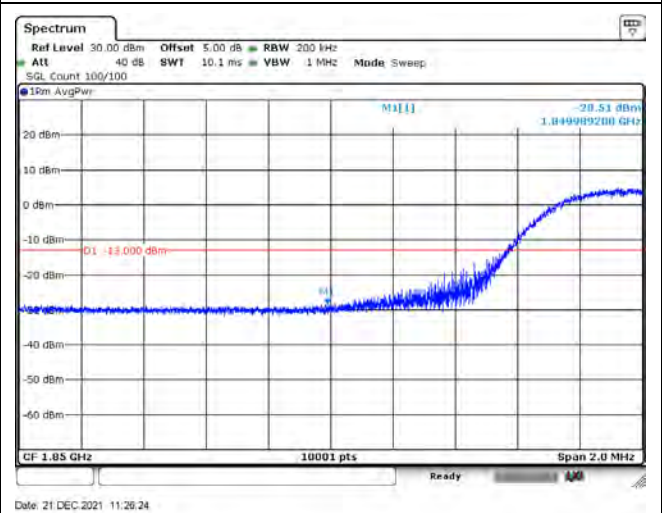


LTE Band 25

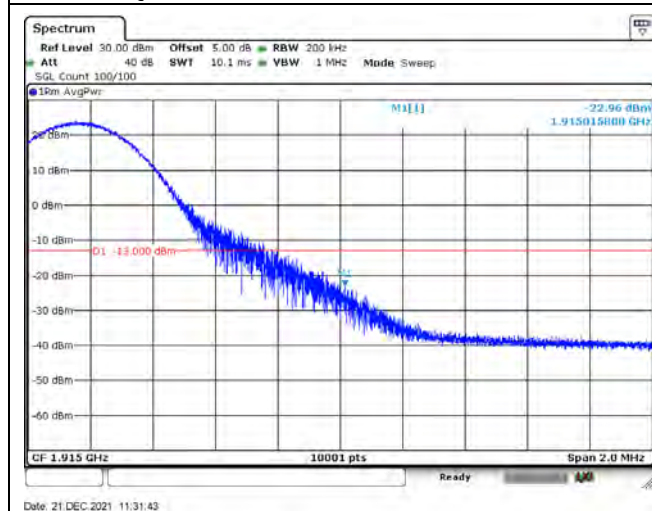
QPSK / CH26115 / 15 MHz / 1RB0



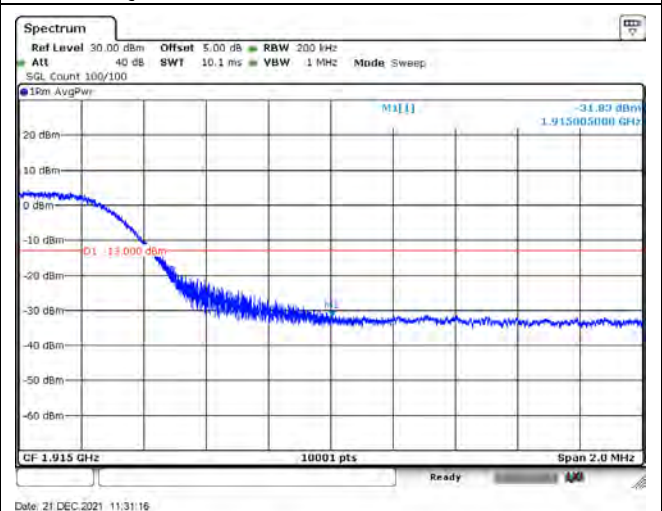
QPSK / CH26115 / 15 MHz / 75RB0



QPSK / CH26615 / 15 MHz / 1RB74

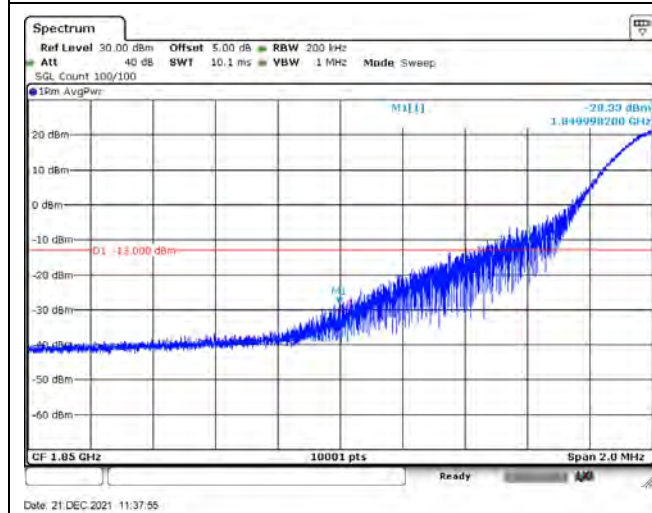


QPSK / CH26615 / 15 MHz / 75RB0

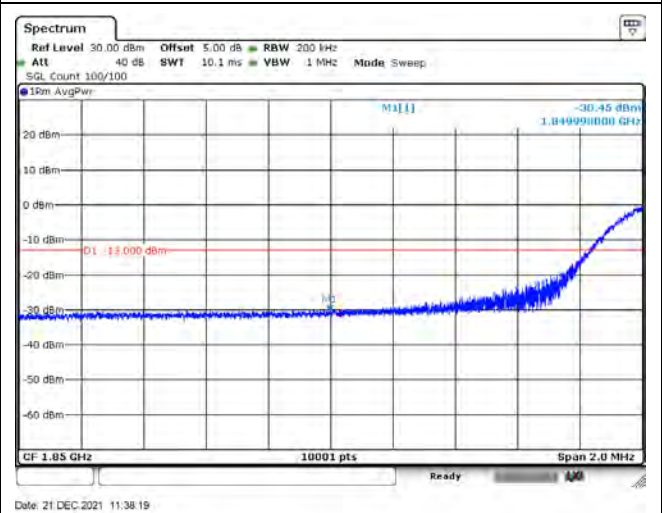


LTE Band 25

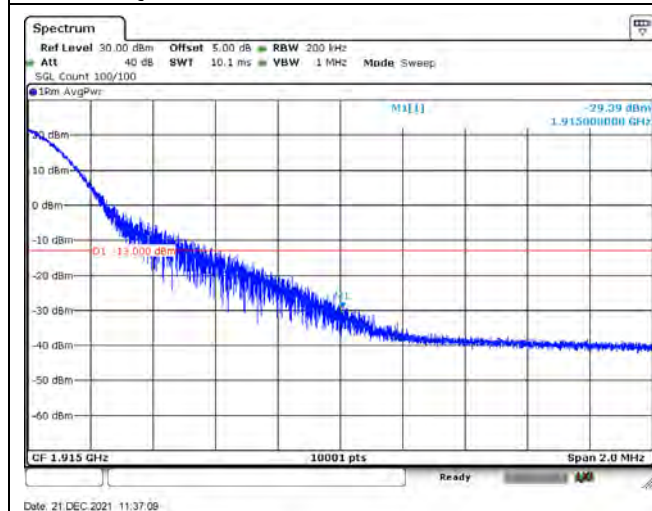
QPSK / CH26140 / 20 MHz / 1RB0



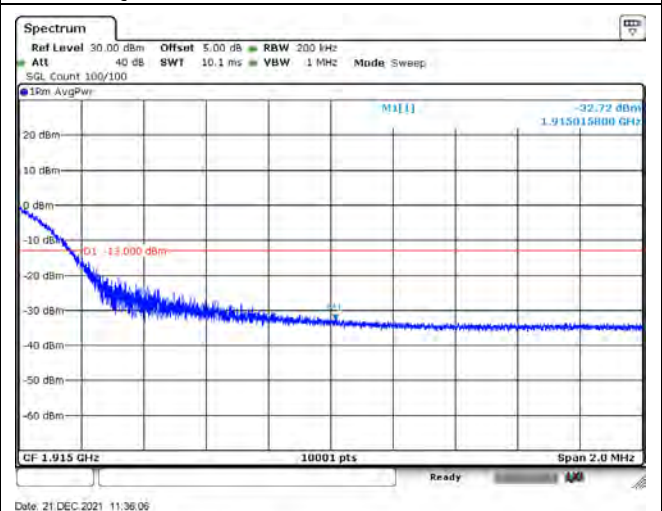
QPSK / CH26140 / 20 MHz / 100RB0



QPSK / CH26590 / 20 MHz / 1RB99

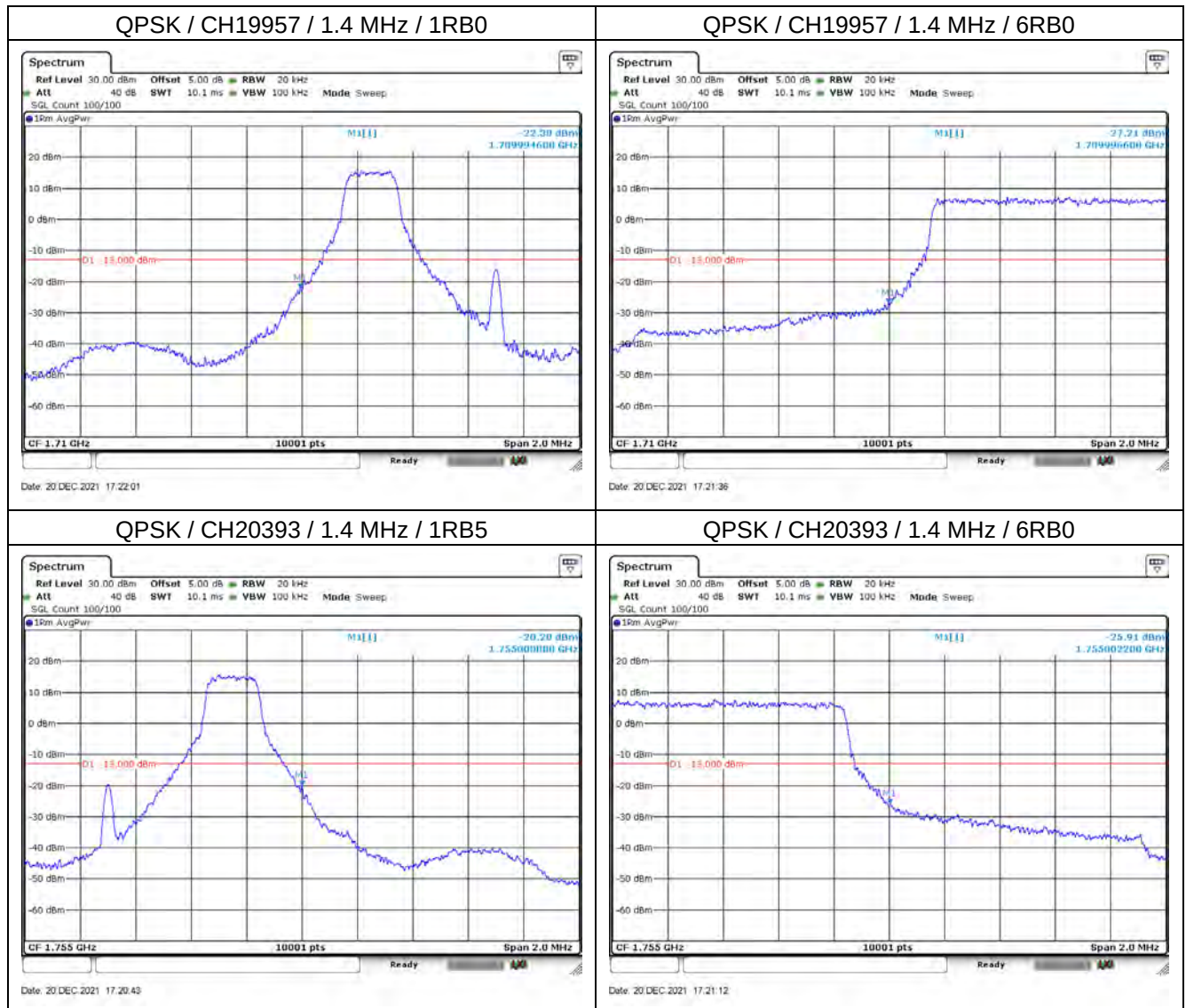


QPSK / CH26590 / 20 MHz / 100RB0



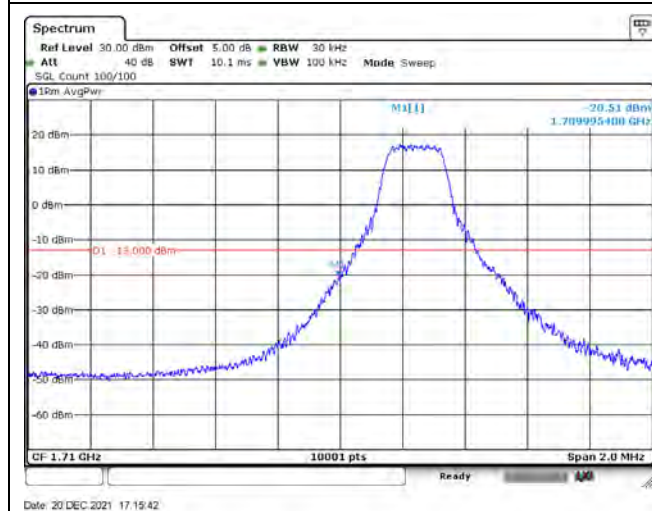
Mode 2: LTE Band 4

LTE Band 4

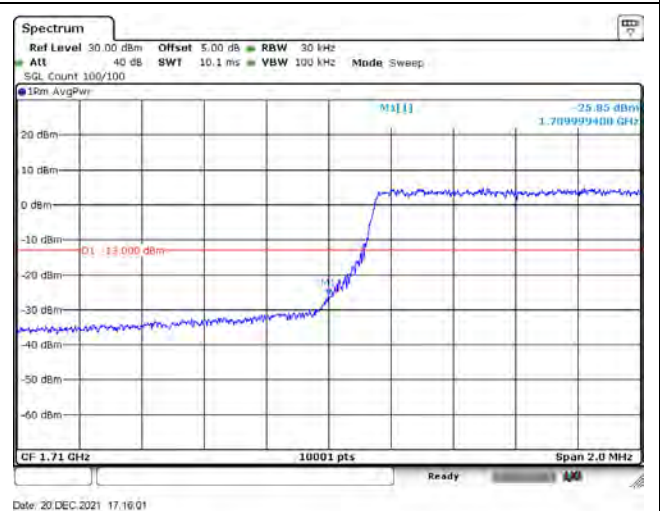


LTE Band 4

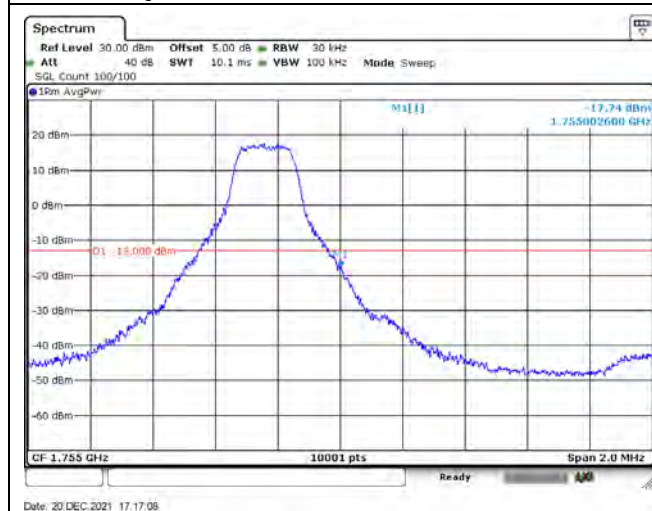
QPSK / CH19965 / 3 MHz / 1RB0



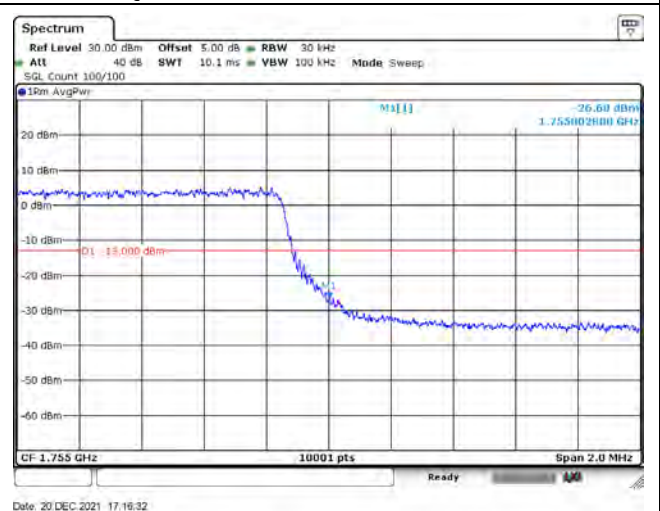
QPSK / CH19965 / 3 MHz / 15RB0



QPSK / CH20385 / 3 MHz / 1RB14

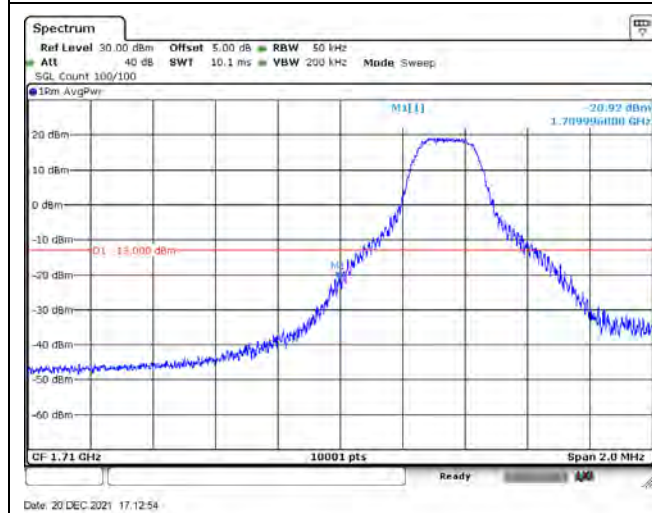


QPSK / CH20385 / 3 MHz / 15RB0

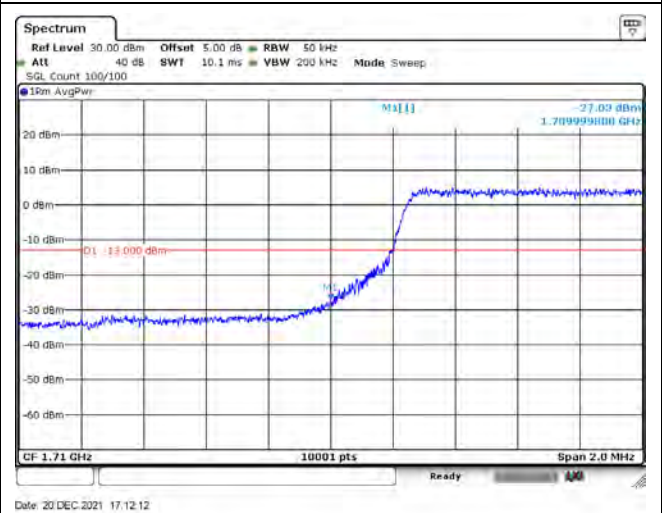


LTE Band 4

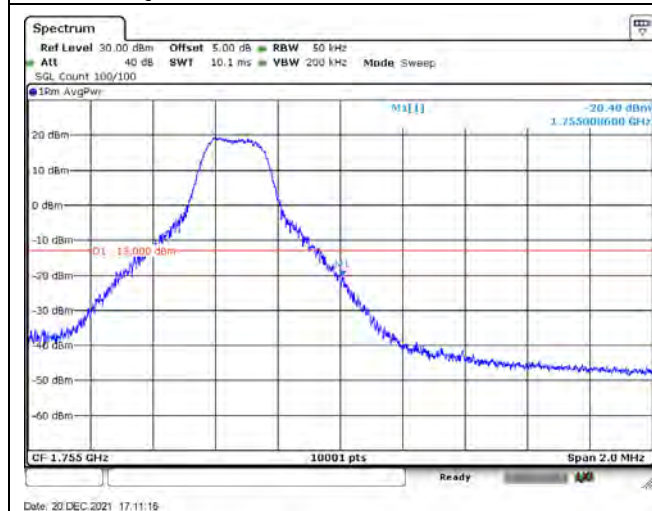
QPSK / CH19975 / 5 MHz / 1RB0



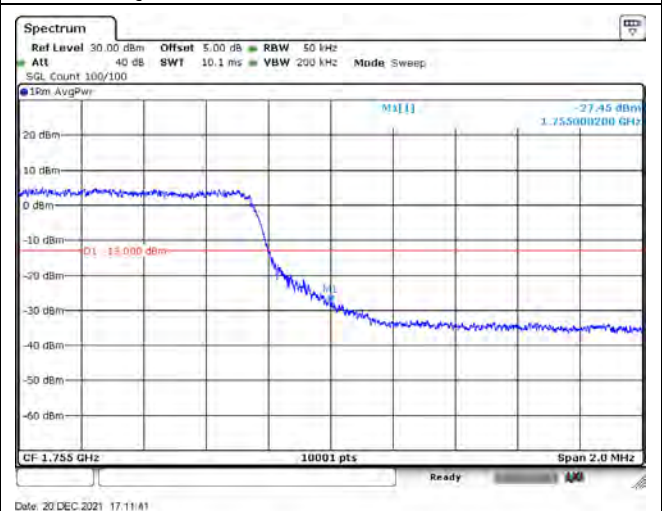
QPSK / CH19975 / 5 MHz / 25RB0



QPSK / CH20375 / 5 MHz / 1RB24



QPSK / CH20375 / 5 MHz / 25RB0



LTE Band 4

