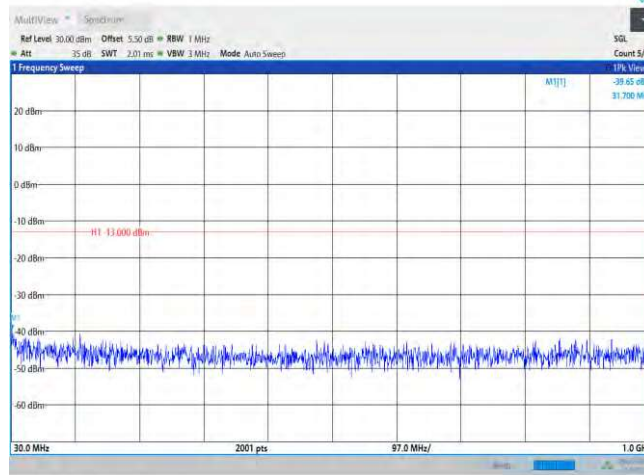
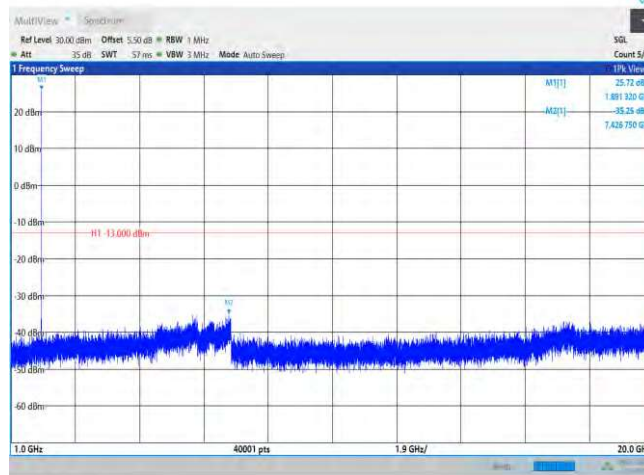


Band2-20MHz-QPSK-19100-1RB#0-Range3:30~1000MHz



12:40:33 28.03.2022

Band2-20MHz-QPSK-19100-1RB#0-Range4:1000~20000MHz



12:40:42 28.03.2022



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Field Strength of Spurious Radiation

Test Band = _LTE Band2 TM1

Test Channel = Low

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	73.07	-110.79	-37.72	-13.00	24.72	125	347	Horizontal
2	5553.2700	60.57	-107.44	-46.87	-13.00	33.87	236	249	Horizontal
3	7404.3600	56.80	-102.17	-45.37	-13.00	32.37	194	278	Horizontal
4	9255.4500	49.18	-97.11	-47.93	-13.00	34.93	188	220	Horizontal
5	11106.5400	43.01	-94.10	-51.09	-13.00	38.09	201	35	Horizontal
6	12957.6300	42.20	-92.71	-50.51	-13.00	37.51	265	347	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702	70.36	-110.79	-40.43	-13.00	27.43	201	12	Vertical
2	5553.2700	67.08	-107.44	-40.36	-13.00	27.36	233	261	Vertical
3	7404.3600	66.81	-102.17	-35.36	-13.00	22.36	194	204	Vertical
4	9255.4500	54.36	-97.11	-42.75	-13.00	29.75	178	289	Vertical
5	11106.5400	44.08	-94.10	-50.02	-13.00	37.02	256	193	Vertical
6	12957.6300	45.27	-92.71	-47.44	-13.00	34.44	149	162	Vertical



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Test Band = _LTE Band2 TM1
Test Channel = Mid

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	81.11	-110.82	-29.71	-13.00	16.71	188	304	Horizontal
2	5613	66.44	-107.23	-40.79	-13.00	27.79	145	248	Horizontal
3	7484.25	55.44	-101.99	-46.55	-13.00	33.55	162	25	Horizontal
4	9355.4500	50.34	-96.81	-46.47	-13.00	33.47	235	34	Horizontal
5	11226.5400	45.55	-93.55	-48.00	-13.00	35.00	177	176	Horizontal
6	13097.6300	41.60	-92.39	-50.79	-13.00	37.79	201	275	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	69.01	-110.82	-41.81	-13.00	28.81	299	317	Vertical
2	5613	74.30	-107.23	-32.93	-13.00	19.93	147	203	Vertical
3	7484.25	66.22	-101.99	-35.77	-13.00	22.77	185	4	Vertical
4	9355.4500	54.74	-96.81	-42.07	-13.00	29.07	302	146	Vertical
5	11226.5400	52.20	-93.55	-41.35	-13.00	28.35	211	356	Vertical
6	13097.6300	50.86	-92.39	-41.53	-13.00	28.53	157	175	Vertical



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Test Band = _LTE Band2 TM1
Test Channel = High

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	82.51	-110.84	-28.33	-13.00	15.33	158	104	Horizontal
2	5673.2700	63.05	-106.88	-43.83	-13.00	30.83	200	20	Horizontal
3	7564.3600	55.81	-101.86	-46.05	-13.00	33.05	236	275	Horizontal
4	9455.4500	49.76	-96.84	-47.08	-13.00	34.08	159	176	Horizontal
5	11346.5400	42.21	-93.55	-51.34	-13.00	38.34	147	4	Horizontal
6	13237.6300	40.92	-92.37	-51.45	-13.00	38.45	258	118	Horizontal

Final Data List									
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	71.17	-110.84	-39.67	-13.00	26.67	155	346	Vertical
2	5673.2700	71.31	-106.88	-35.57	-13.00	22.57	164	304	Vertical
3	7564.3600	64.40	-101.86	-37.46	-13.00	24.46	186	203	Vertical
4	9455.25	56.94	-96.83	-39.89	-13.00	26.89	296	76	Vertical
5	11346.5400	50.50	-93.55	-43.05	-13.00	30.05	123	176	Vertical
6	13237.5	46.97	-92.38	-45.41	-13.00	32.41	175	162	Vertical



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-2.40	-0.001277	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	0.80	0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-1.50	-0.000798	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-1.20	-0.000638	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-0.80	-0.000426	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-1.00	-0.000532	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-2.60	-0.001383	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-1.50	-0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-1.50	-0.000798	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-3.00	-0.001596	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	0.10	0.000053	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-3.70	-0.001968	PASS

The End



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