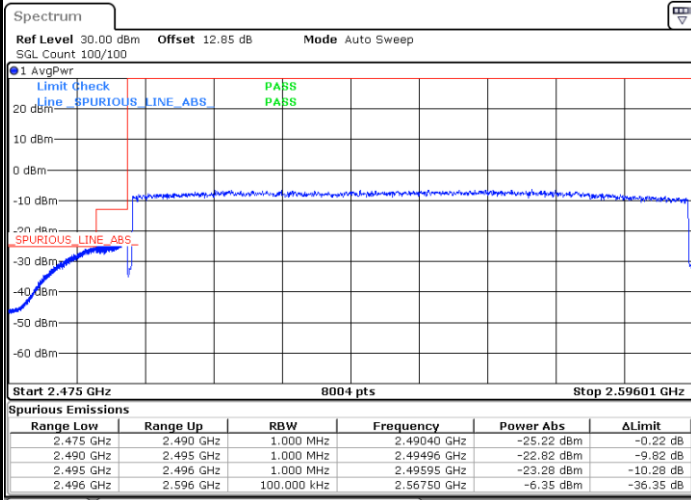




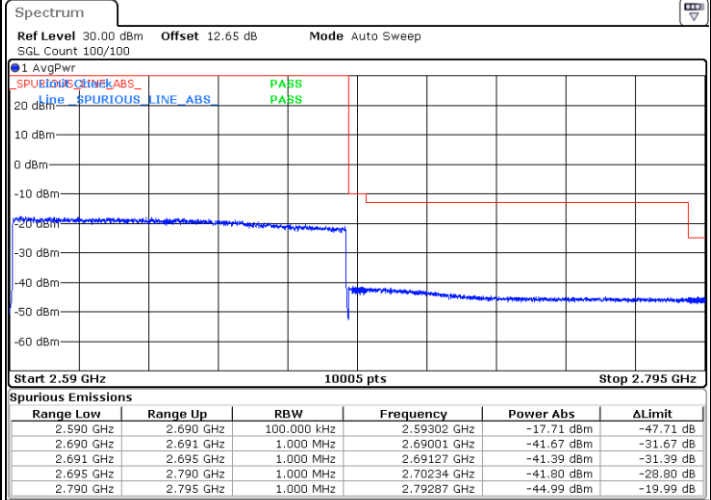
FR1 n41 / 100MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 12.SEP.2020 11:22:43



Date: 17.SEP.2020 05:59:19

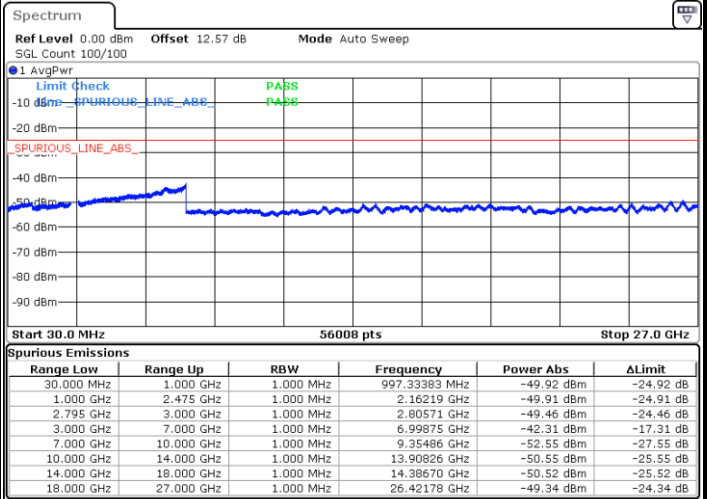
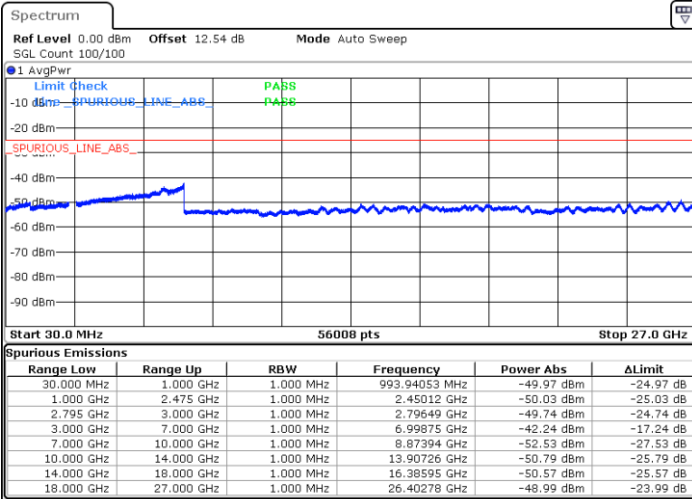


Conducted Spurious Emission

FR1 n41 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

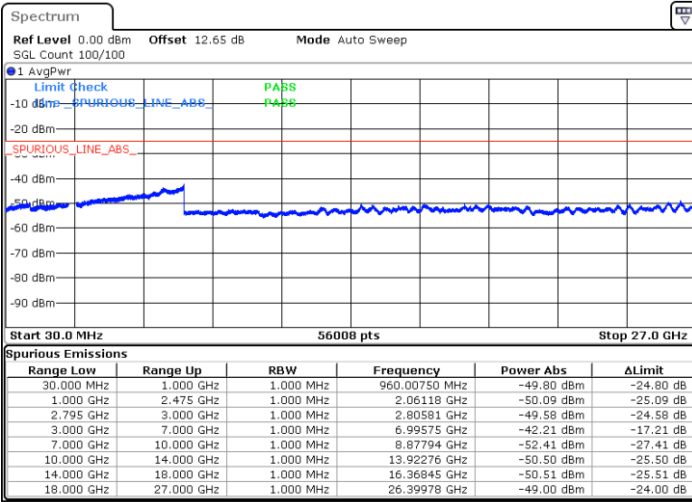
Middle Channel / 1RB1



Date: 14.SEP.2020 22:18:47

Date: 14.SEP.2020 22:45:12

Highest Channel / 1RB1



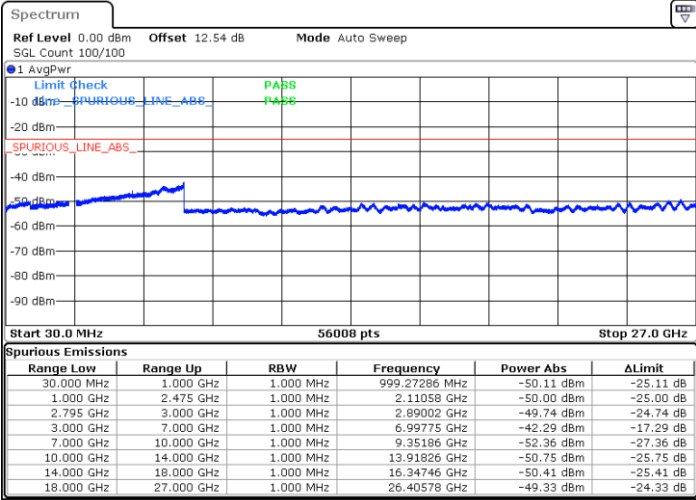
Date: 14.SEP.2020 23:10:41



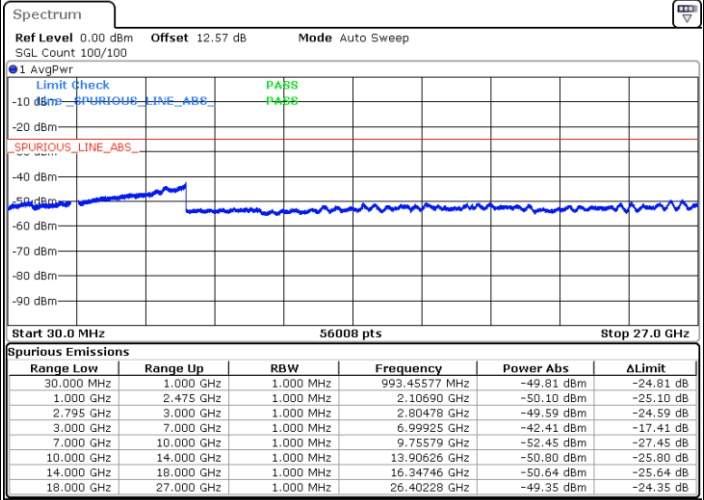
FR1 n41 / 40MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

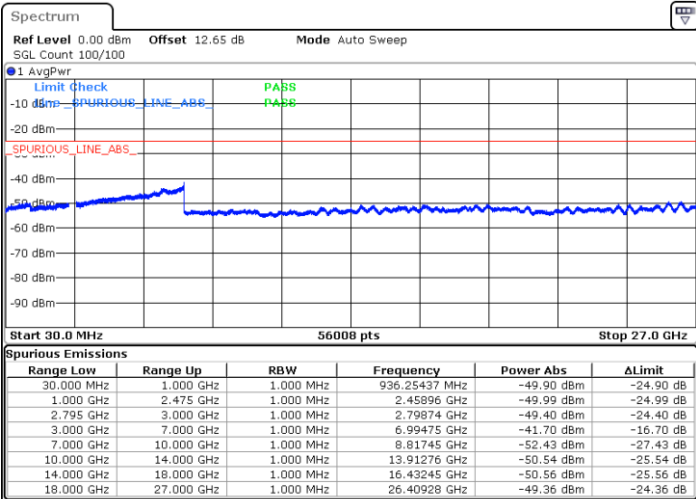


Date: 14.SEP.2020 22:26:17



Date: 14.SEP.2020 22:55:38

Highest Channel / 1RB1



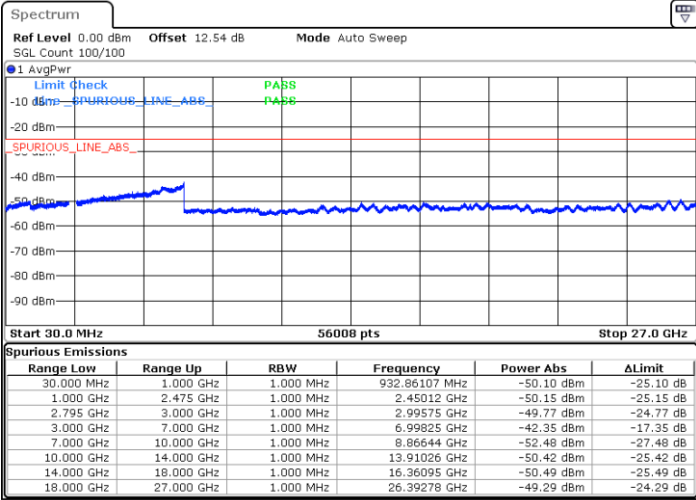
Date: 14.SEP.2020 23:14:50



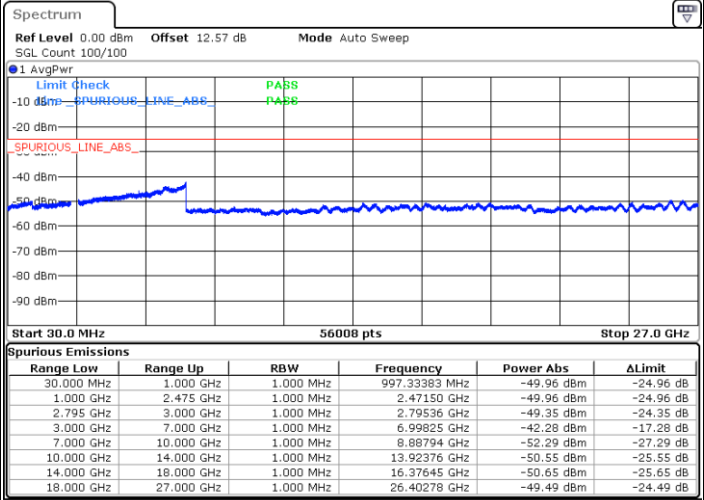
FR1 n41 / 50MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

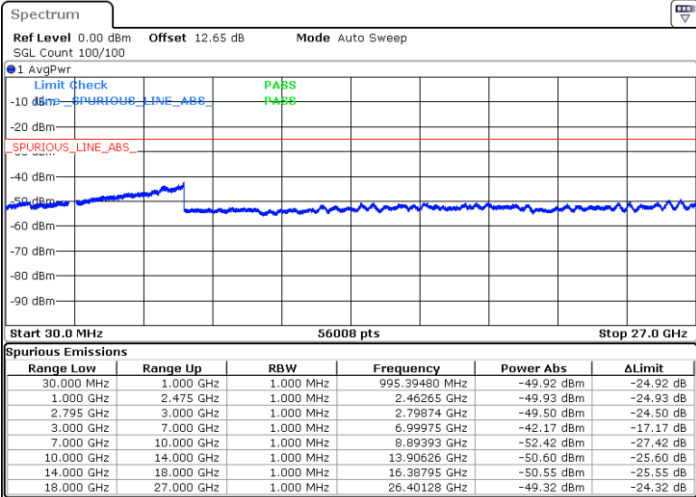


Date: 14.SEP.2020 22:31:16



Date: 14.SEP.2020 22:53:34

Highest Channel / 1RB1



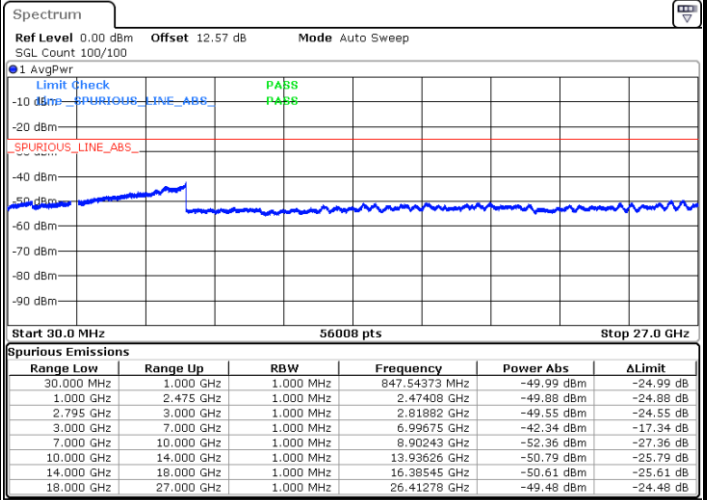
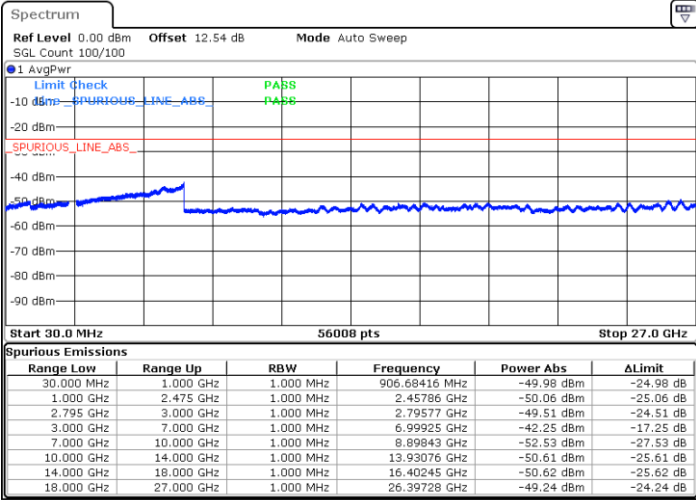
Date: 14.SEP.2020 23:41:59



FR1 n41 / 60MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

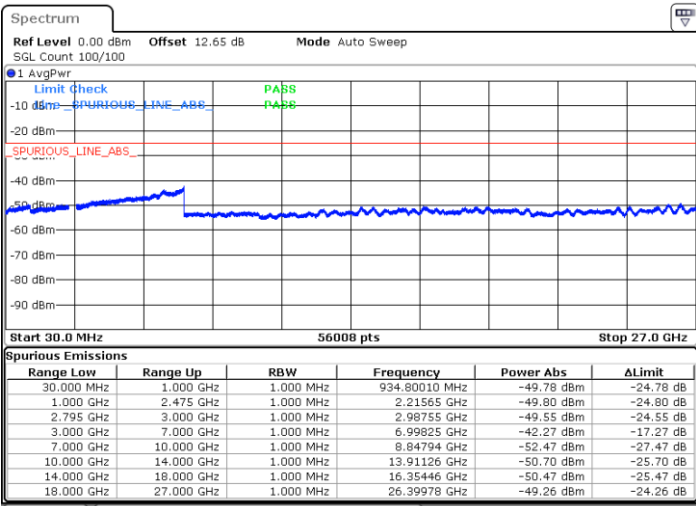
Middle Channel / 1RB1



Date: 14.SEP.2020 22:39:48

Date: 14.SEP.2020 22:59:40

Highest Channel / 1RB1



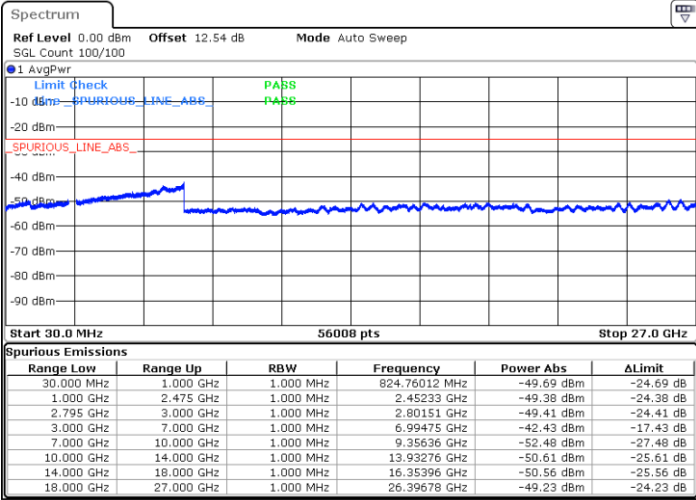
Date: 14.SEP.2020 23:47:39



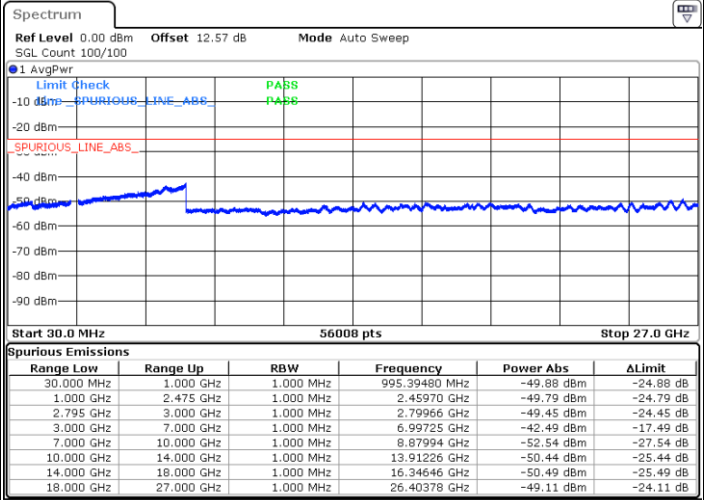
FR1 n41 / 80MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

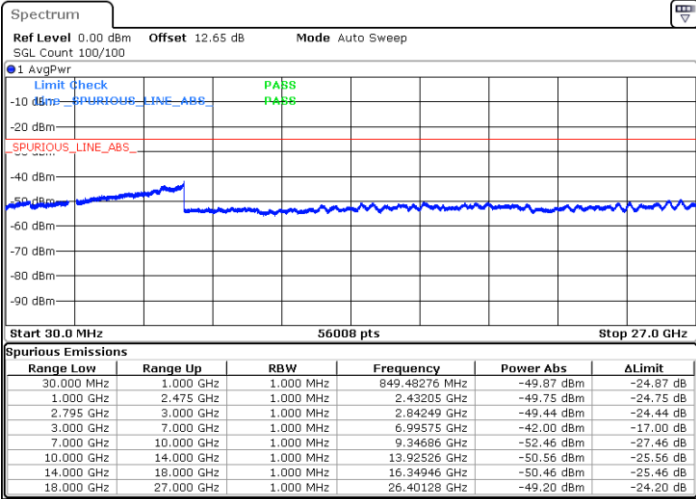


Date: 15.SEP.2020 10:25:50



Date: 15.SEP.2020 10:01:34

Highest Channel / 1RB1



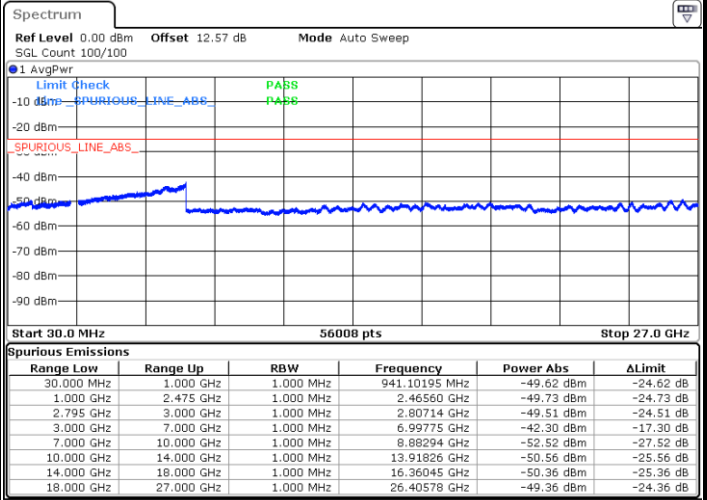
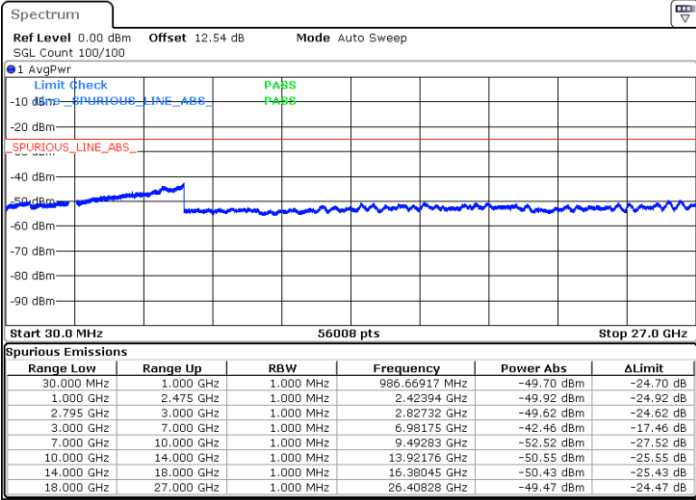
Date: 15.SEP.2020 21:14:07



FR1 n41 / 90MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

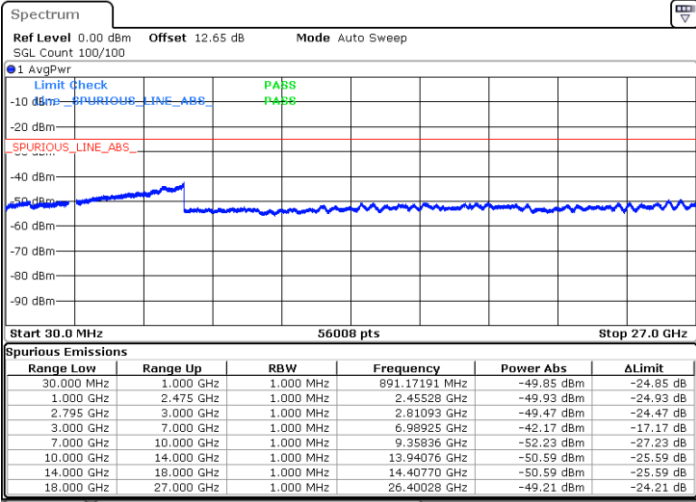
Middle Channel / 1RB1



Date: 15.SEP.2020 10:28:25

Date: 15.SEP.2020 10:11:42

Highest Channel / 1RB1



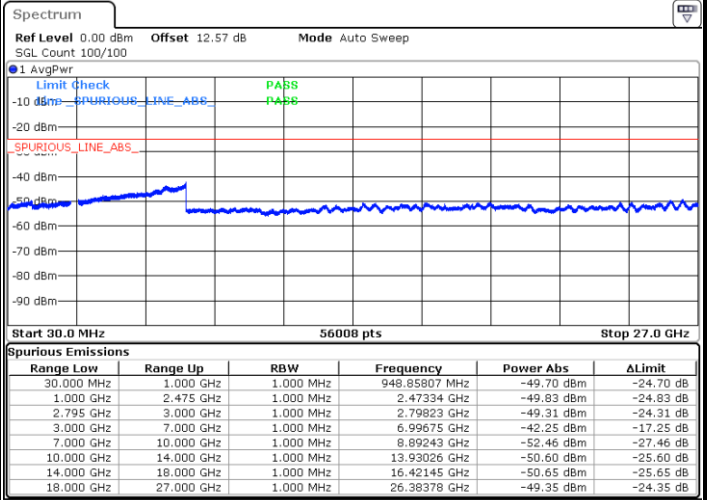
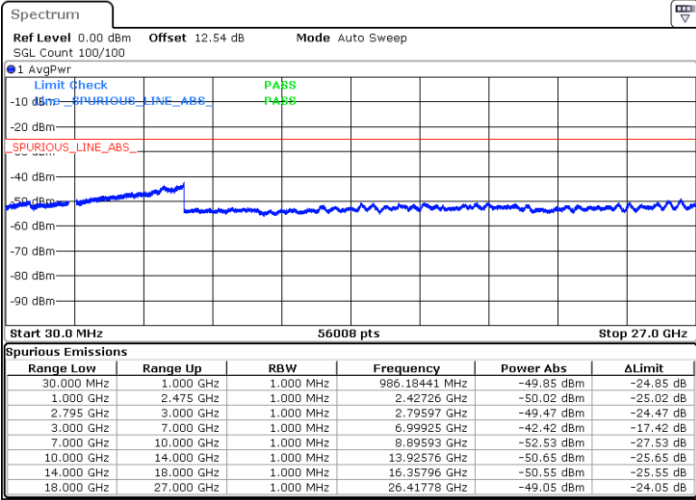
Date: 15.SEP.2020 21:18:18



FR1 n41 / 100MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

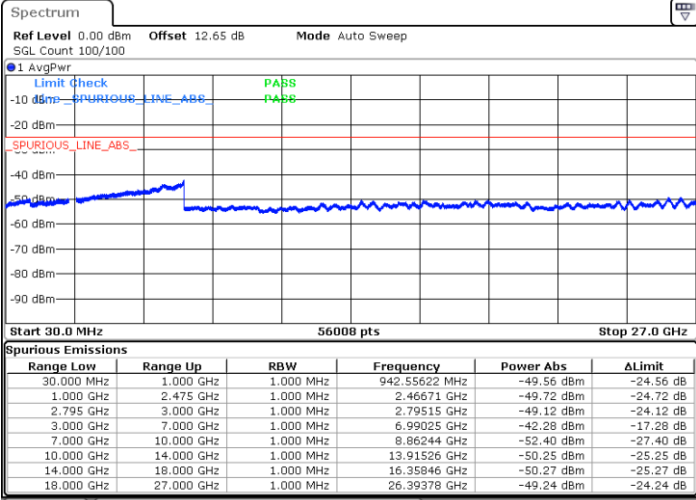
Middle Channel / 1RB1



Date: 15.SEP.2020 10:31:19

Date: 15.SEP.2020 10:21:54

Highest Channel / 1RB1



Date: 15.SEP.2020 21:22:20



Frequency Stability

Test Conditions		FR1 n41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0023	
30	Normal Voltage	0.0035	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0054	
0	Normal Voltage	0.0042	
-10	Normal Voltage	0.0031	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0058	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0228	

Note:

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.30 V. ; Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of ERP/EIRP and Radiated Test

ERP/EIRP

<CP-OFDM>

NR n25 / 5MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	21.88	0.1542	22.78	0.1897
Middle		1	1	22.08	0.1615	22.98	0.1987
Highest		1	23	21.38	0.1375	22.28	0.1691
Lowest	16QAM	1	1	21.48	0.1407	22.38	0.1730
Middle		1	1	21.58	0.1439	22.48	0.1771
Highest		1	23	20.88	0.1225	21.78	0.1507
Lowest	64QAM	1	1	20.18	0.1043	21.08	0.1283
Middle		1	1	19.98	0.0996	20.88	0.1225
Highest		1	23	19.58	0.0908	20.48	0.1117
Lowest	256QAM	1	1	17.18	0.0523	18.08	0.0643
Middle		1	1	16.78	0.0477	17.68	0.0587
Highest		1	23	16.78	0.0477	17.68	0.0587
Limit	EIRP < 2W			Result		PASS	

NR n25 / 10MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.08	0.1615	22.98	0.1987
Middle		1	1	21.88	0.1542	22.78	0.1897
Highest		1	50	21.38	0.1375	22.28	0.1691
Lowest	16QAM	1	1	21.58	0.1439	22.48	0.1771
Middle		1	1	21.38	0.1375	22.28	0.1691
Highest		1	50	20.88	0.1225	21.78	0.1507
Lowest	64QAM	1	1	20.18	0.1043	21.08	0.1283
Middle		1	1	19.98	0.0996	20.88	0.1225
Highest		1	50	19.98	0.0996	20.88	0.1225
Lowest	256QAM	1	1	17.28	0.0535	18.18	0.0658
Middle		1	1	16.88	0.0488	17.78	0.0600
Highest		1	50	16.78	0.0477	17.68	0.0587
Limit	EIRP < 2W			Result		PASS	



NR n25 / 15MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.08	0.1615	22.98	0.1987
Middle		1	1	21.58	0.1439	22.48	0.1771
Highest		1	77	21.48	0.1407	22.38	0.1730
Lowest	16QAM	1	1	21.58	0.1439	22.48	0.1771
Middle		1	1	20.98	0.1254	21.88	0.1542
Highest		1	77	20.98	0.1254	21.88	0.1542
Lowest	64QAM	1	1	20.28	0.1067	21.18	0.1313
Middle		1	1	19.98	0.0996	20.88	0.1225
Highest		1	77	19.98	0.0996	20.88	0.1225
Lowest	256QAM	1	1	17.28	0.0535	18.18	0.0658
Middle		1	1	16.78	0.0477	17.68	0.0587
Highest		1	77	16.78	0.0477	17.68	0.0587
Limit	EIRP < 2W			Result		PASS	

NR n25 / 20MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	22.18	0.1652	23.08	0.2033
Middle		1	1	20.98	0.1254	21.88	0.1542
Highest		1	104	21.48	0.1407	22.38	0.1730
Lowest	16QAM	1	1	21.58	0.1439	22.48	0.1771
Middle		1	1	20.38	0.1092	21.28	0.1343
Highest		1	104	20.88	0.1225	21.78	0.1507
Lowest	64QAM	1	1	20.28	0.1067	21.18	0.1313
Middle		1	1	18.48	0.0705	19.38	0.0867
Highest		1	104	19.98	0.0996	20.88	0.1225
Lowest	256QAM	1	1	17.38	0.0548	18.28	0.0673
Middle		1	1	16.88	0.0488	17.78	0.0600
Highest		1	104	16.78	0.0477	17.68	0.0587
Limit	EIRP < 2W			Result		PASS	



<DFT-s-OFDM>

NR n2 / 20MHz (Average) (GT - LC = 0.8 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.70	0.2345	24.50	0.2819
Middle		1	1	23.28	0.2129	24.08	0.2559
Highest		1	104	23.52	0.2250	24.32	0.2704
Lowest	QPSK	1	1	23.60	0.2291	24.40	0.2755
Middle		1	1	23.18	0.2080	23.98	0.2501
Highest		1	104	23.52	0.2250	24.32	0.2704
Lowest	16QAM	1	1	22.30	0.1699	23.10	0.2042
Middle		1	1	21.88	0.1542	22.68	0.1854
Highest		1	104	22.12	0.1630	22.92	0.1959
Lowest	64QAM	1	1	21.00	0.1259	21.80	0.1514
Middle		1	1	21.08	0.1283	21.88	0.1542
Highest		1	104	20.92	0.1236	21.72	0.1486
Lowest	256QAM	1	1	19.40	0.0871	20.20	0.1048
Middle		1	1	19.48	0.0888	20.28	0.1067
Highest		1	104	19.32	0.0856	20.12	0.1029
Limit	EIRP < 2W			Result		PASS	



NR n25 / 5MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	25	0	22.88	0.1941	23.78	0.2388
Middle		25	0	22.68	0.1854	23.58	0.2281
Highest		25	0	22.88	0.1941	23.78	0.2388
Lowest	QPSK	1	1	22.78	0.1897	23.68	0.2334
Middle		1	1	22.68	0.1854	23.58	0.2281
Highest		1	23	22.88	0.1941	23.78	0.2388
Lowest	16QAM	1	1	22.68	0.1854	23.58	0.2281
Middle		1	1	22.48	0.1771	23.38	0.2178
Highest		1	23	21.98	0.1578	22.88	0.1941
Lowest	64QAM	1	1	21.18	0.1313	22.08	0.1615
Middle		1	1	20.88	0.1225	21.78	0.1507
Highest		1	23	20.48	0.1117	21.38	0.1375
Lowest	256QAM	1	1	19.48	0.0888	20.38	0.1092
Middle		1	1	19.08	0.0810	19.98	0.0996
Highest		1	23	19.28	0.0848	20.18	0.1043
Limit	EIRP < 2W			Result		PASS	

NR n25 / 10MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.88	0.1941	23.78	0.2388
Middle		1	1	22.68	0.1854	23.58	0.2281
Highest		1	50	22.88	0.1941	23.78	0.2388
Lowest	QPSK	1	1	22.78	0.1897	23.68	0.2334
Middle		1	1	22.78	0.1897	23.68	0.2334
Highest		1	50	22.88	0.1941	23.78	0.2388
Lowest	16QAM	1	1	22.68	0.1854	23.58	0.2281
Middle		1	1	22.48	0.1771	23.38	0.2178
Highest		1	50	21.98	0.1578	22.88	0.1941
Lowest	64QAM	1	1	21.28	0.1343	22.18	0.1652
Middle		1	1	20.98	0.1254	21.88	0.1542
Highest		1	50	21.08	0.1283	21.98	0.1578
Lowest	256QAM	1	1	19.48	0.0888	20.38	0.1092
Middle		1	1	19.18	0.0828	20.08	0.1019
Highest		1	50	19.38	0.0867	20.28	0.1067
Limit	EIRP < 2W			Result		PASS	



NR n25 / 15MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.98	0.1987	23.88	0.2444
Middle		1	1	22.68	0.1854	23.58	0.2281
Highest		1	77	22.78	0.1897	23.68	0.2334
Lowest	QPSK	1	1	22.88	0.1941	23.78	0.2388
Middle		1	1	22.78	0.1897	23.68	0.2334
Highest		1	77	22.78	0.1897	23.68	0.2334
Lowest	16QAM	1	1	22.78	0.1897	23.68	0.2334
Middle		1	1	22.08	0.1615	22.98	0.1987
Highest		1	77	21.98	0.1578	22.88	0.1941
Lowest	64QAM	1	1	21.18	0.1313	22.08	0.1615
Middle		1	1	20.98	0.1254	21.88	0.1542
Highest		1	77	20.98	0.1254	21.88	0.1542
Lowest	256QAM	1	1	19.48	0.0888	20.38	0.1092
Middle		1	1	19.18	0.0828	20.08	0.1019
Highest		1	77	19.28	0.0848	20.18	0.1043
Limit	EIRP < 2W			Result		PASS	

NR n25 / 20MHz (Average) (GT - LC = 0.9 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.98	0.1987	23.88	0.2444
Middle		1	1	22.58	0.1812	23.48	0.2229
Highest		1	104	22.78	0.1897	23.68	0.2334
Lowest	QPSK	1	1	22.88	0.1941	23.78	0.2388
Middle		1	1	22.58	0.1812	23.48	0.2229
Highest		1	104	22.78	0.1897	23.68	0.2334
Lowest	16QAM	1	1	22.88	0.1941	23.78	0.2388
Middle		1	1	21.48	0.1407	22.38	0.1730
Highest		1	104	21.98	0.1578	22.88	0.1941
Lowest	64QAM	1	1	21.28	0.1343	22.18	0.1652
Middle		1	1	20.98	0.1254	21.88	0.1542
Highest		1	104	20.98	0.1254	21.88	0.1542
Lowest	256QAM	1	1	19.58	0.0908	20.48	0.1117
Middle		1	1	19.18	0.0828	20.08	0.1019
Highest		1	104	19.28	0.0848	20.18	0.1043
Limit	EIRP < 2W			Result		PASS	



NR n66 / 20MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.85	0.2427	27.15	0.5189
Middle		1	1	23.48	0.2229	26.78	0.4765
Highest		1	104	23.76	0.2377	27.06	0.5082
Lowest	QPSK	1	1	23.75	0.2372	27.05	0.5070
Middle		1	1	23.38	0.2178	26.68	0.4656
Highest		1	104	23.76	0.2377	27.06	0.5082
Lowest	16QAM	1	1	22.45	0.1758	25.75	0.3759
Middle		1	1	22.58	0.1812	25.88	0.3873
Highest		1	104	22.46	0.1762	25.76	0.3768
Lowest	64QAM	1	1	21.05	0.1274	24.35	0.2723
Middle		1	1	20.98	0.1254	24.28	0.2680
Highest		1	104	20.96	0.1248	24.26	0.2667
Lowest	256QAM	1	1	19.55	0.0902	22.85	0.1928
Middle		1	1	19.48	0.0888	22.78	0.1897
Highest		1	104	19.46	0.0884	22.76	0.1888
Limit	EIRP < 1W			Result		PASS	



NR n71 / 20MHz (Average) (GT - LC = 0 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.80	0.2399	21.65	0.1463
Middle		1	1	23.90	0.2455	21.75	0.1497
Highest		1	104	23.60	0.2291	21.45	0.1397
Lowest	QPSK	1	1	23.70	0.2345	21.55	0.1429
Middle		1	1	23.90	0.2455	21.75	0.1497
Highest		1	104	23.60	0.2291	21.45	0.1397
Lowest	16QAM	1	1	22.70	0.1863	20.55	0.1136
Middle		1	1	23.00	0.1996	20.85	0.1217
Highest		1	104	22.70	0.1863	20.55	0.1136
Lowest	64QAM	1	1	21.50	0.1413	19.35	0.0861
Middle		1	1	21.20	0.1319	19.05	0.0804
Highest		1	104	20.90	0.1231	18.75	0.0750
Lowest	256QAM	1	1	19.90	0.0978	17.75	0.0596
Middle		1	1	19.60	0.0913	17.45	0.0556
Highest		1	104	19.30	0.0852	17.15	0.0519
Limit	ERP < 3W			Result		PASS	



NR n41 / 20MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	22.59	0.1816	23.19	0.2085
Highest		1	49	21.58	0.1439	22.18	0.1652
Lowest	QPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	22.79	0.1902	23.39	0.2183
Highest		1	49	21.58	0.1439	22.18	0.1652
Lowest	16QAM	1	1	22.48	0.1771	23.08	0.2033
Middle		1	1	21.79	0.1511	22.39	0.1734
Highest		1	49	20.68	0.1170	21.28	0.1343
Lowest	64QAM	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	22.29	0.1695	22.89	0.1946
Highest		1	49	21.28	0.1343	21.88	0.1542
Lowest	256QAM	1	1	21.98	0.1578	22.58	0.1812
Middle		1	1	21.09	0.1286	21.69	0.1476
Highest		1	49	20.08	0.1019	20.68	0.1170
Limit	EIRP < 2W			Result		PASS	

NR n41 / 40MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	0	22.88	0.1941	23.48	0.2229
Middle		1	0	22.59	0.1816	23.19	0.2085
Highest		1	104	21.88	0.1542	22.48	0.1771
Lowest	QPSK	1	0	22.88	0.1941	23.48	0.2229
Middle		1	0	22.59	0.1816	23.19	0.2085
Highest		1	104	21.88	0.1542	22.48	0.1771
Lowest	16QAM	1	1	21.48	0.1407	22.08	0.1615
Middle		1	1	22.29	0.1695	22.89	0.1946
Highest		1	104	21.58	0.1439	22.18	0.1652
Lowest	64QAM	1	1	22.08	0.1615	22.68	0.1854
Middle		1	1	22.39	0.1734	22.99	0.1991
Highest		1	104	21.98	0.1578	22.58	0.1812
Lowest	256QAM	1	1	20.28	0.1067	20.88	0.1225
Middle		1	1	21.09	0.1286	21.69	0.1476
Highest		1	104	20.68	0.1170	21.28	0.1343
Limit	EIRP < 2W			Result		PASS	



NR n41 / 50MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	21.38	0.1375	21.98	0.1578
Middle		1	1	22.79	0.1902	23.39	0.2183
Highest		1	131	21.88	0.1542	22.48	0.1771
Lowest	QPSK	1	1	21.48	0.1407	22.08	0.1615
Middle		1	1	22.89	0.1946	23.49	0.2234
Highest		1	131	21.98	0.1578	22.58	0.1812
Lowest	16QAM	1	1	21.29	0.1346	21.89	0.1546
Middle		1	1	22.79	0.1902	23.39	0.2183
Highest		1	131	21.98	0.1578	22.58	0.1812
Lowest	64QAM	1	1	21.58	0.1439	22.18	0.1652
Middle		1	1	22.39	0.1734	22.99	0.1991
Highest		1	131	21.98	0.1578	22.58	0.1812
Lowest	256QAM	1	1	21.08	0.1283	21.68	0.1473
Middle		1	1	22.49	0.1775	23.09	0.2038
Highest		1	131	22.18	0.1652	22.78	0.1897
Limit	EIRP < 2W			Result		PASS	

NR n41 / 60MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.78	0.1897	23.38	0.2178
Middle		1	1	22.69	0.1858	23.29	0.2134
Highest		1	160	21.78	0.1507	22.38	0.1730
Lowest	QPSK	1	1	22.88	0.1941	23.48	0.2229
Middle		1	1	22.79	0.1902	23.39	0.2183
Highest		1	160	21.88	0.1542	22.48	0.1771
Lowest	16QAM	1	1	22.78	0.1897	23.38	0.2178
Middle		1	1	22.79	0.1902	23.39	0.2183
Highest		1	160	21.88	0.1542	22.48	0.1771
Lowest	64QAM	1	1	22.48	0.1771	23.08	0.2033
Middle		1	1	22.39	0.1734	22.99	0.1991
Highest		1	160	21.88	0.1542	22.48	0.1771
Lowest	256QAM	1	1	21.48	0.1407	22.08	0.1615
Middle		1	1	22.49	0.1775	23.09	0.2038
Highest		1	160	22.08	0.1615	22.68	0.1854
Limit	EIRP < 2W			Result		PASS	



NR n41 / 80MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.88	0.1941	23.48	0.2229
Middle		1	1	22.68	0.1854	23.28	0.2129
Highest		1	215	17.73	0.0593	18.33	0.0681
Lowest	QPSK	1	1	22.88	0.1941	23.48	0.2229
Middle		1	1	22.48	0.1771	23.08	0.2033
Highest		1	215	17.63	0.0580	18.23	0.0666
Lowest	16QAM	1	1	22.88	0.1941	23.48	0.2229
Middle		1	1	21.48	0.1407	22.08	0.1615
Highest		1	215	16.83	0.0482	17.43	0.0554
Lowest	64QAM	1	1	20.78	0.1197	21.38	0.1375
Middle		1	1	20.48	0.1117	21.08	0.1283
Highest		1	215	15.73	0.0375	16.33	0.0430
Lowest	256QAM	1	1	20.68	0.1170	21.28	0.1343
Middle		1	1	19.28	0.0848	19.88	0.0973
Highest		1	215	14.43	0.0278	15.03	0.0319
Limit	EIRP < 2W			Result		PASS	

NR n41 / 90MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	21.88	0.1542	22.48	0.1771
Highest		1	243	17.63	0.0580	18.23	0.0666
Lowest	QPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	21.68	0.1473	22.28	0.1691
Highest		1	243	17.53	0.0567	18.13	0.0651
Lowest	16QAM	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	20.68	0.1170	21.28	0.1343
Highest		1	243	16.73	0.0471	17.33	0.0541
Lowest	64QAM	1	1	20.58	0.1143	21.18	0.1313
Middle		1	1	19.28	0.0848	19.88	0.0973
Highest		1	243	15.33	0.0342	15.93	0.0392
Lowest	256QAM	1	1	20.48	0.1117	21.08	0.1283
Middle		1	1	18.28	0.0673	18.88	0.0773
Highest		1	243	13.63	0.0231	14.23	0.0265
Limit	EIRP < 2W			Result		PASS	



NR n41 / 100MHz (Average) (GT - LC = 0.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	21.18	0.1313	21.78	0.1507
Highest		1	271	17.33	0.0541	17.93	0.0621
Lowest	QPSK	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	20.98	0.1254	21.58	0.1439
Highest		1	271	17.33	0.0541	17.93	0.0621
Lowest	16QAM	1	1	22.98	0.1987	23.58	0.2281
Middle		1	1	19.98	0.0996	20.58	0.1143
Highest		1	271	16.53	0.0450	17.13	0.0517
Lowest	64QAM	1	1	20.48	0.1117	21.08	0.1283
Middle		1	1	19.08	0.0810	19.68	0.0929
Highest		1	271	15.23	0.0334	15.83	0.0383
Lowest	256QAM	1	1	20.38	0.1092	20.98	0.1254
Middle		1	1	18.08	0.0643	18.68	0.0738
Highest		1	271	14.03	0.0253	14.63	0.0291
Limit	EIRP < 2W			Result		PASS	



Radiated Spurious Emission

<Ant. 0+8>

EN-DC 12A-n2A

EN-DC 12A-n2A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3742	-33.70	-13	-20.70	-71.29	-44.92	1.42	12.65	H
	5613	-31.24	-13	-18.24	-74.31	-42.80	1.74	13.30	H
	7485	-46.64	-13	-33.64	-73.53	-55.78	1.98	11.12	H
	3742	-36.20	-13	-23.20	-73.99	-47.42	1.42	12.65	V
	5613	-31.71	-13	-18.71	-74.44	-43.27	1.74	13.30	V
	7485	-47.22	-13	-34.22	-74.06	-56.36	1.98	11.12	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC 66A-n25A

EN-DC 66A-n25A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702	-56.66	-13	-43.66	-74.63	-67.87	1.41	12.62	H
	5553	-51.17	-13	-38.17	-74.4	-62.73	1.74	13.30	H
	7405	-46.99	-13	-33.99	-73.86	-56.30	1.94	11.25	H
	3702	-56.61	-13	-43.61	-74.73	-67.82	1.41	12.62	V
	5553	-52.09	-13	-39.09	-74.85	-63.65	1.74	13.30	V
	7405	-47.31	-13	-34.31	-74.03	-56.62	1.94	11.25	V
Middle	3747	-55.99	-13	-42.99	-74.12	-67.21	1.42	12.65	H
	5621	-51.74	-13	-38.74	-74.92	-63.30	1.74	13.30	H
	7495	-47.40	-13	-34.40	-73.83	-56.52	1.99	11.11	H
	3747	-55.70	-13	-42.70	-74.04	-66.92	1.42	12.65	V
	5621	-51.59	-13	-38.59	-74.41	-63.15	1.74	13.30	V
	7495	-47.09	-13	-34.09	-73.49	-56.21	1.99	11.11	V
Highest	3782	-55.64	-13	-42.64	-73.91	-66.88	1.43	12.67	H
	5673	-51.28	-13	-38.28	-74.69	-62.85	1.73	13.30	H
	7565	-48.28	-13	-35.28	-74.34	-57.39	2.00	11.11	H
	3782	-55.34	-13	-42.34	-73.86	-66.58	1.43	12.67	V
	5673	-51.88	-13	-38.88	-74.8	-63.45	1.73	13.30	V
	7565	-48.23	-13	-35.23	-74.25	-57.34	2.00	11.11	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 8+0>

EN-DC 2A-n66A

EN-DC 2A-n66A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422	-57.18	-13	-44.18	-73.2	-68.15	1.35	12.31	H
	5133	-53.34	-13	-40.34	-75.25	-64.48	1.64	12.79	H
	6845	-48.70	-13	-35.70	-74.08	-59.08	1.74	12.12	H
	3422	-56.98	-13	-43.98	-73.42	-67.95	1.35	12.31	V
	5133	-53.63	-13	-40.63	-75.29	-64.77	1.64	12.79	V
	6845	-49.55	-13	-36.55	-74.53	-59.93	1.74	12.12	V
Middle	3472	-56.25	-13	-43.25	-72.76	-67.33	1.35	12.43	H
	5208	-52.51	-13	-39.51	-74.5	-63.74	1.66	12.89	H
	6945	-48.49	-13	-35.49	-74.35	-58.74	1.73	11.98	H
	3472	-56.38	-13	-43.38	-73.27	-67.46	1.35	12.43	V
	5208	-53.13	-13	-40.13	-74.95	-64.36	1.66	12.89	V
	6945	-48.92	-13	-35.92	-74.32	-59.17	1.73	11.98	V
Highest	3522	-56.17	-13	-43.17	-73.14	-67.32	1.37	12.51	H
	5283	-52.41	-13	-39.41	-74.68	-63.72	1.68	13.00	H
	7045	-47.37	-13	-34.37	-73.65	-57.45	1.74	11.83	H
	3522	-55.86	-13	-42.86	-73.11	-67.01	1.37	12.51	V
	5283	-52.93	-13	-39.93	-74.93	-64.24	1.68	13.00	V
	7045	-47.97	-13	-34.97	-73.8	-58.05	1.74	11.83	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 0+8>

EN-DC 12A-n66A

EN-DC 12A-n66A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3472	-55.06	-13	-42.06	-71.57	-66.14	1.35	12.43	H
	5208	-50.77	-13	-37.77	-72.76	-62.00	1.66	12.89	H
	6945	-48.20	-13	-35.20	-74.06	-58.45	1.73	11.98	H
	3472	-56.05	-13	-43.05	-72.94	-67.13	1.35	12.43	V
	5208	-53.50	-13	-40.50	-75.32	-64.73	1.66	12.89	V
	6945	-48.84	-13	-35.84	-74.24	-59.09	1.73	11.98	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



<Ant. 8+0>

EN-DC 2A-n71A

EN-DC 2A-n71A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Highest	1358	-41.17	-13	-28.17	-70.39	-47.79	0.83	7.45	H
	2037	-40.10	-13	-27.10	-71.69	-49.10	1.05	10.05	H
	2716	-38.34	-13	-25.34	-72.35	-48.10	1.20	10.96	H
	1358	-42.50	-13	-29.50	-70.72	-49.12	0.83	7.45	V
	2037	-41.05	-13	-28.05	-71.62	-50.05	1.05	10.05	V
	2716	-38.02	-13	-25.02	-71.99	-47.78	1.20	10.96	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



EN-DC 66A-n71A

EN-DC 66A-n71A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1328	-42.20	-13	-29.20	-71.25	-48.68	0.83	7.31	H
	1992	-41.07	-13	-28.07	-71.92	-50.00	1.04	9.97	H
	2656	-39.29	-13	-26.29	-73.06	-48.99	1.19	10.89	H
	1328	-42.92	-13	-29.92	-71.13	-49.40	0.83	7.31	V
	1992	-42.05	-13	-29.05	-71.93	-50.98	1.04	9.97	V
	2656	-39.49	-13	-26.49	-73.23	-49.19	1.19	10.89	V
Middle	1343	-41.89	-13	-28.89	-71.03	-48.44	0.83	7.38	H
	2015	-41.32	-13	-28.32	-72.52	-50.30	1.04	10.02	H
	2686	-38.98	-13	-25.98	-72.87	-48.71	1.19	10.92	H
	1343	-43.08	-13	-30.08	-71.3	-49.63	0.83	7.38	V
	2015	-42.12	-13	-29.12	-72.33	-51.10	1.04	10.02	V
	2686	-39.10	-13	-26.10	-72.95	-48.83	1.19	10.92	V
Highest	1358	-41.64	-13	-28.64	-70.86	-48.25	0.83	7.45	H
	2037	-40.25	-13	-27.25	-71.84	-49.25	1.05	10.05	H
	2716	-39.03	-13	-26.03	-73.04	-48.79	1.20	10.96	H
	1358	-43.13	-13	-30.13	-71.35	-49.74	0.83	7.45	V
	2037	-41.38	-13	-28.38	-71.95	-50.38	1.05	10.05	V
	2716	-38.65	-13	-25.65	-72.62	-48.41	1.20	10.96	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. The EN-DC, 2A-n71A, 66A-n71A, use same antenna configurations, and the middle channels are pre-scanned and the worst configuration, 66A-n71A, is tested by low, middle, high channels.



<Ant. 0+8>

EN-DC 2A-n41A

EN-DC 2A-n41A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	4992	-52.19	-25	-27.19	-74.19	-63.18	1.61	12.60	H
	7494	-47.05	-25	-22.05	-73.44	-56.17	1.99	11.11	H
	9990	-44.53	-25	-19.53	-74.11	-53.44	2.40	11.30	H
	4992	-52.77	-25	-27.77	-74.31	-63.76	1.61	12.60	V
	7494	-47.51	-25	-22.51	-73.86	-56.63	1.99	11.11	V
	9990	-43.86	-25	-18.86	-74.21	-52.77	2.40	11.30	V
Middle	5169	-53.37	-25	-28.37	-75.32	-64.55	1.65	12.84	H
	7753	-48.16	-25	-23.16	-74.07	-57.29	2.03	11.15	H
	10337	-44.36	-25	-19.36	-74.77	-53.00	2.39	11.03	H
	5169	-53.24	-25	-28.24	-74.98	-64.42	1.65	12.84	V
	7753	-48.18	-25	-23.18	-73.84	-57.31	2.03	11.15	V
	10337	-44.48	-25	-19.48	-74.95	-53.12	2.39	11.03	V
Highest	5340	-52.65	-25	-27.65	-75.07	-64.03	1.70	13.08	H
	8016	-46.70	-25	-21.70	-73.86	-55.87	2.06	11.23	H
	10683	-43.19	-25	-18.19	-74.05	-51.60	2.49	10.90	H
	5340	-53.16	-25	-28.16	-75.24	-64.54	1.70	13.08	V
	8016	-47.04	-25	-22.04	-74.09	-56.21	2.06	11.23	V
	10683	-43.56	-25	-18.56	-74.18	-51.97	2.49	10.90	V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. The EN-DC, 2A-n41A, 66A-n41A, use same antenna configurations, and the middle channels are pre-scanned and the worst configuration, 2A-n41A, is tested by low, middle, high channels.



EN-DC 66A-n41A

EN-DC 66A-n41A / 20MHz / PI/2 BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	5166	-52.87	-25	-27.87	-74.82	-64.05	1.65	12.83	H
	7752	-48.06	-25	-23.06	-73.97	-57.19	2.03	11.15	H
	10341	-44.28	-25	-19.28	-74.7	-52.91	2.39	11.03	H
	5166	-53.56	-25	-28.56	-75.3	-64.74	1.65	12.83	V
	7752	-48.38	-25	-23.38	-74.05	-57.51	2.03	11.15	V
	10341	-44.53	-25	-19.53	-75	-53.16	2.39	11.03	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.