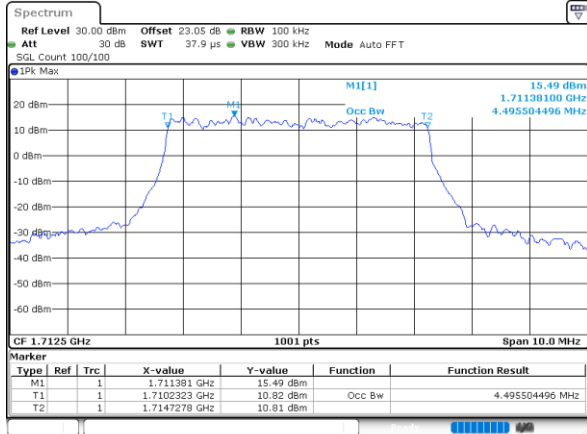




FR1 n66 / 5MHz / CP OFDM

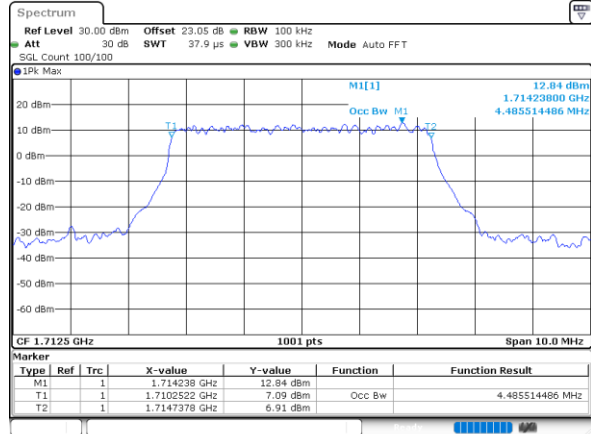
64QAM

Lowest Channel

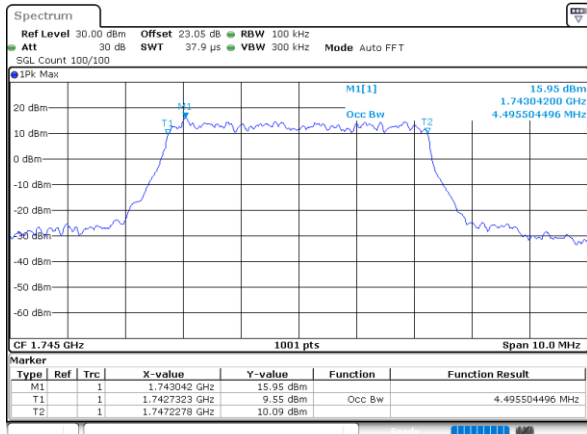


256QAM

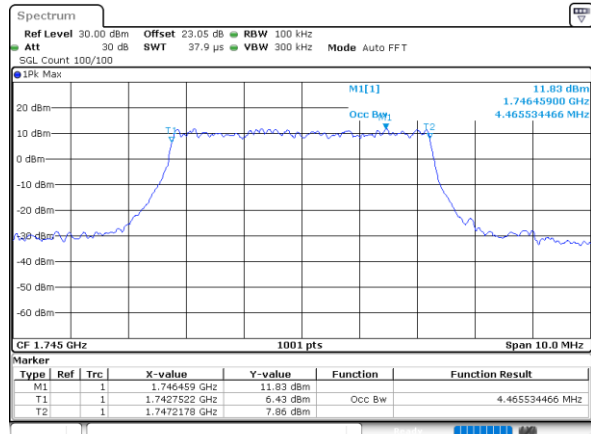
Lowest Channel



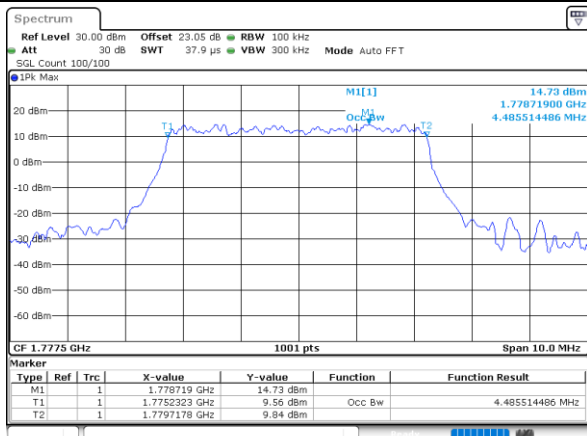
Middle Channel



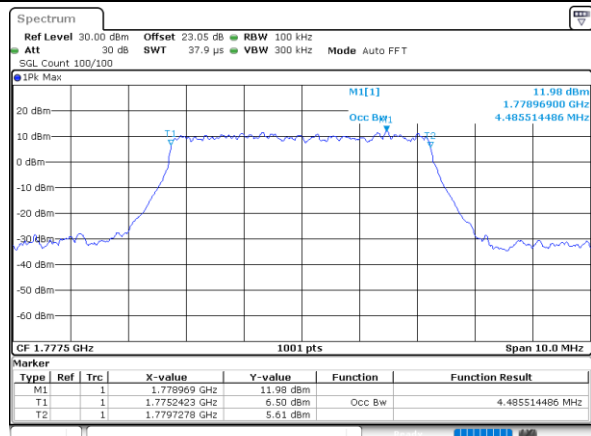
Middle Channel



Highest Channel



Highest Channel

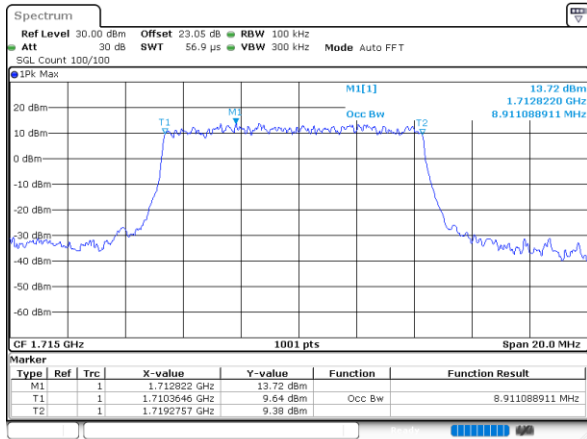




FR1 n66 / 10MHz / DFT-S OFDM

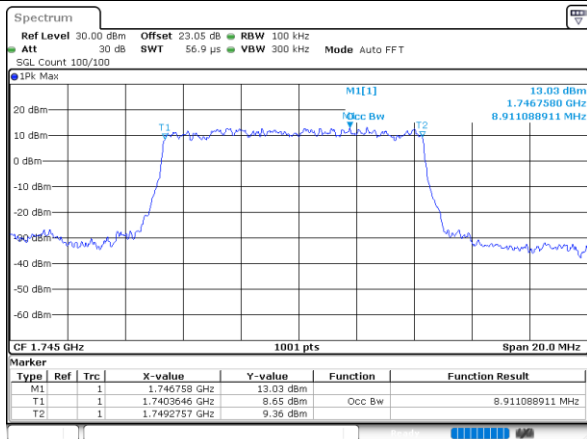
PI/2 BPSK

Lowest Channel



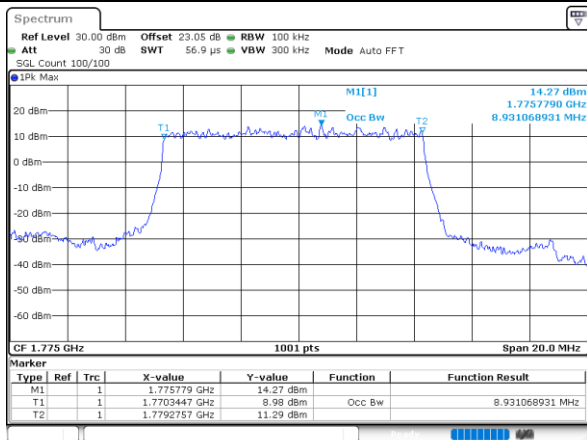
Date: 6 JUL 2020 15:39:04

Middle Channel



Date: 6 JUL 2020 16:03:02

Highest Channel



Date: 6 JUL 2020 16:38:00



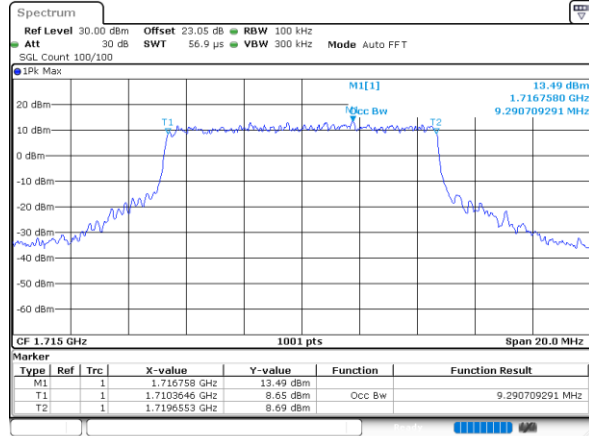
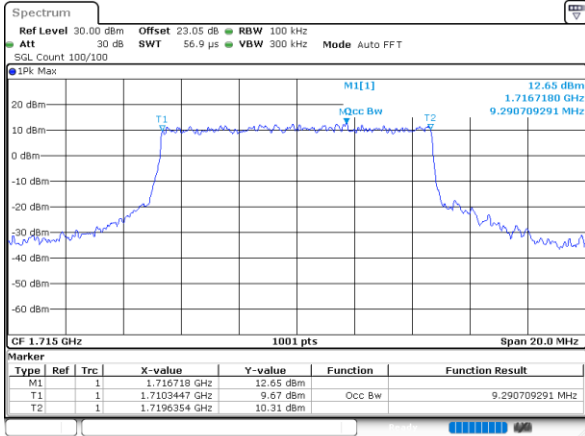
FR1 n66 / 10MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

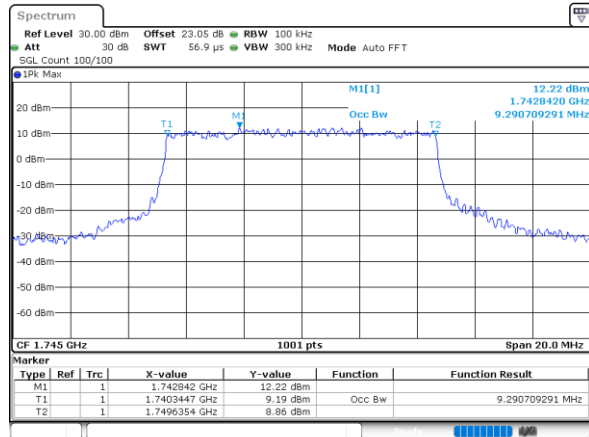
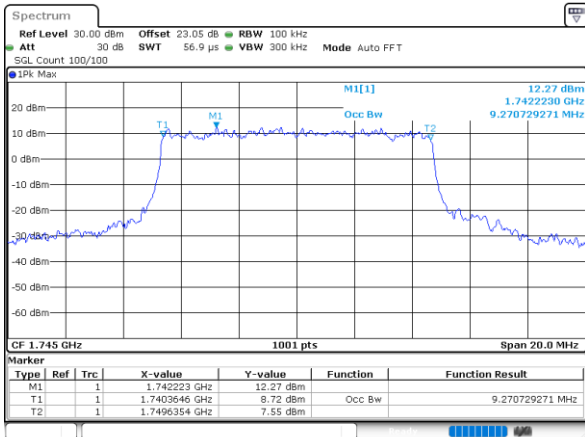


Date: 6 JUL 2020 15:35:04

Date: 6 JUL 2020 15:36:06

Middle Channel

Middle Channel

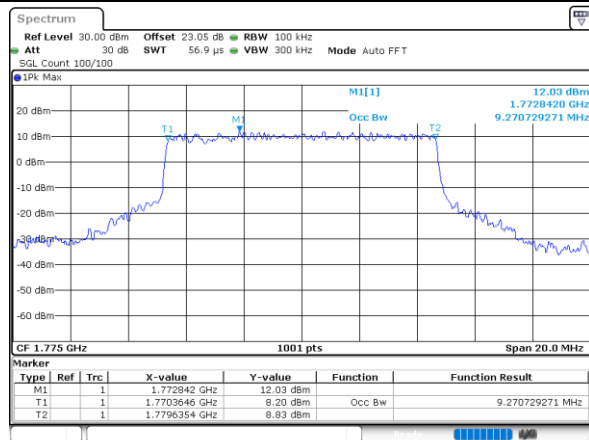
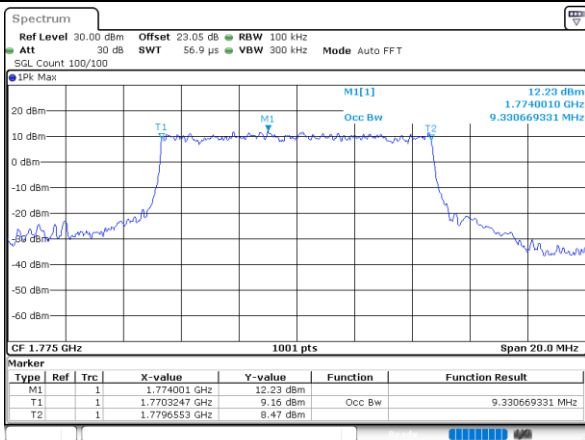


Date: 6 JUL 2020 16:00:01

Date: 6 JUL 2020 16:00:42

Highest Channel

Highest Channel



Date: 6 JUL 2020 16:33:08

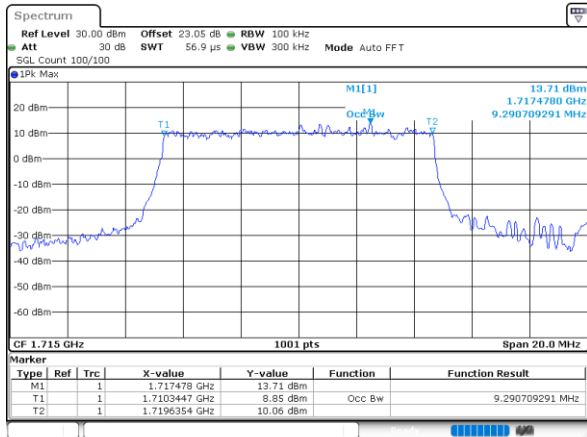
Date: 6 JUL 2020 16:33:52



FR1 n66 / 10MHz / CP OFDM

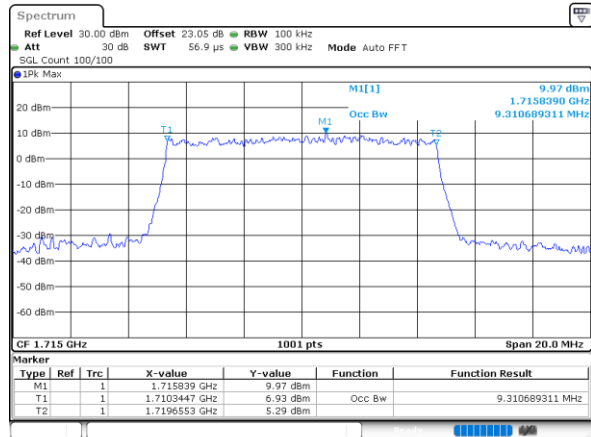
64QAM

Lowest Channel

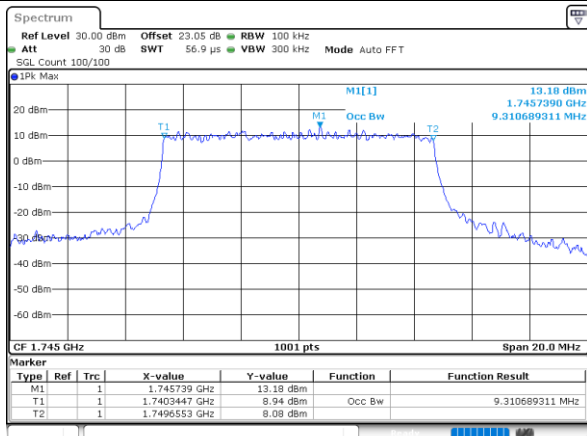


256QAM

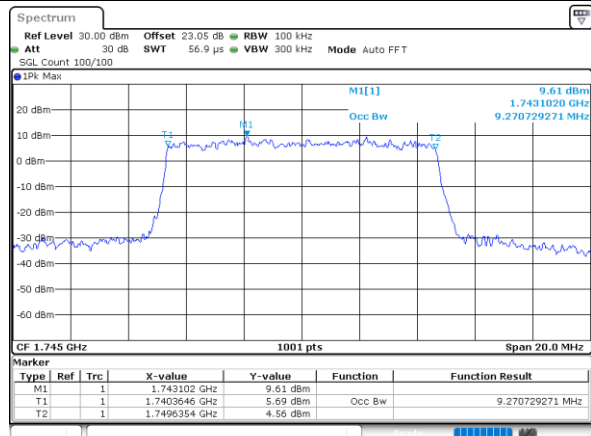
Lowest Channel



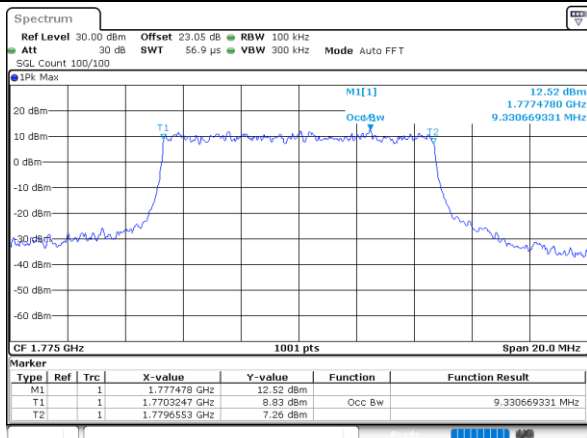
Middle Channel



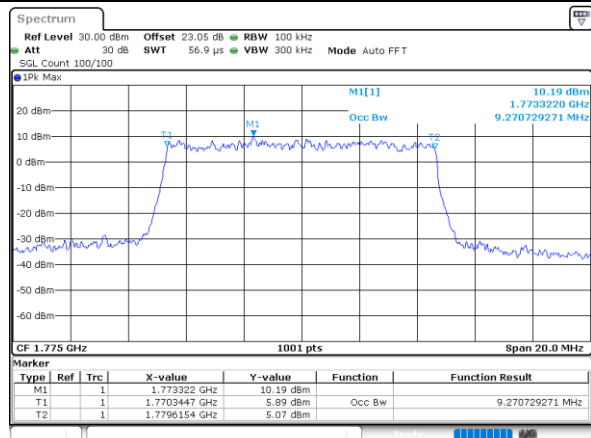
Middle Channel



Highest Channel



Highest Channel

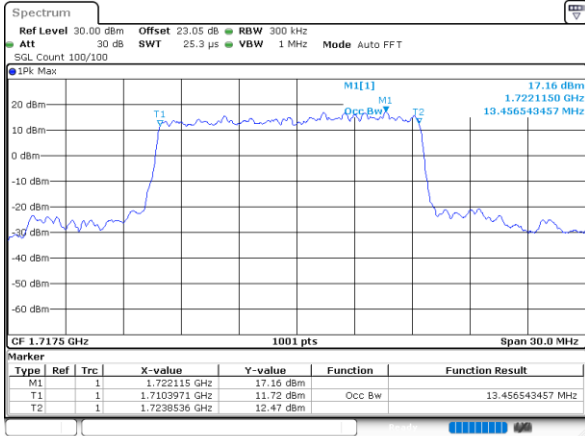




FR1 n66 / 15MHz / DFT-S OFDM

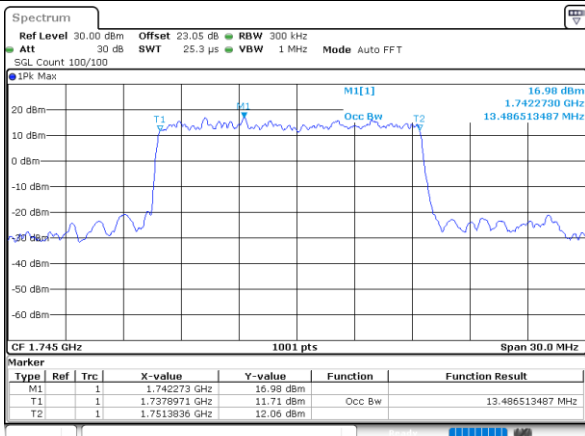
PI/2 BPSK

Lowest Channel



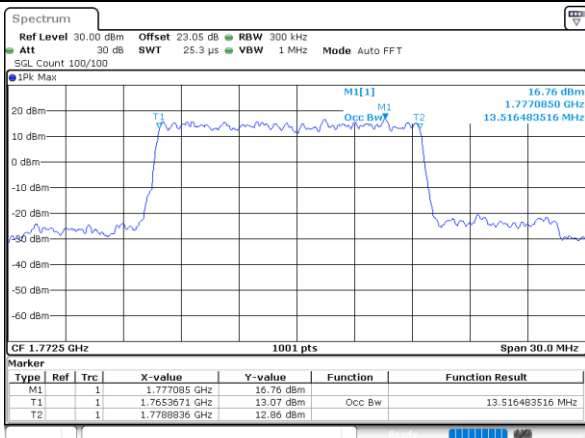
Date: 6 JUL 2020 15:45:07

Middle Channel



Date: 6 JUL 2020 16:07:36

Highest Channel



Date: 6 JUL 2020 16:42:39



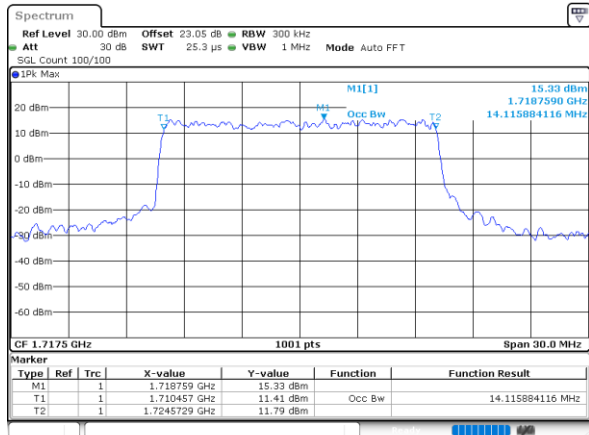
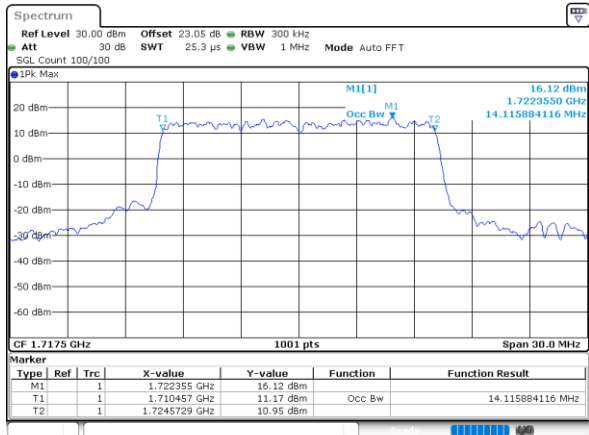
FR1 n66 / 15MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

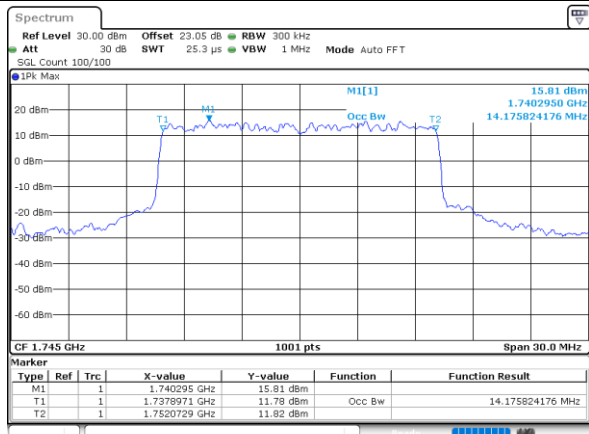
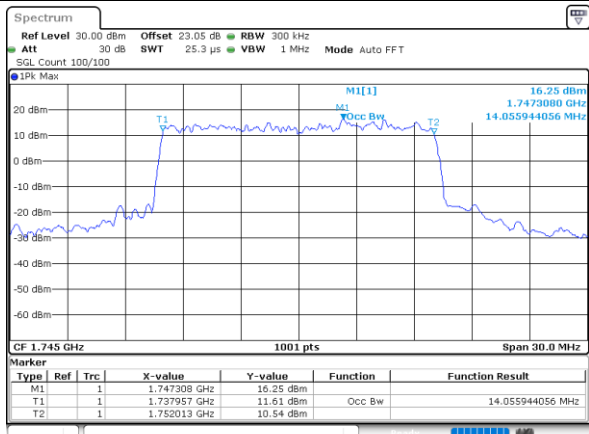


Date: 6 JUL 2020 15:41:33

Date: 6 JUL 2020 15:42:29

Middle Channel

Middle Channel

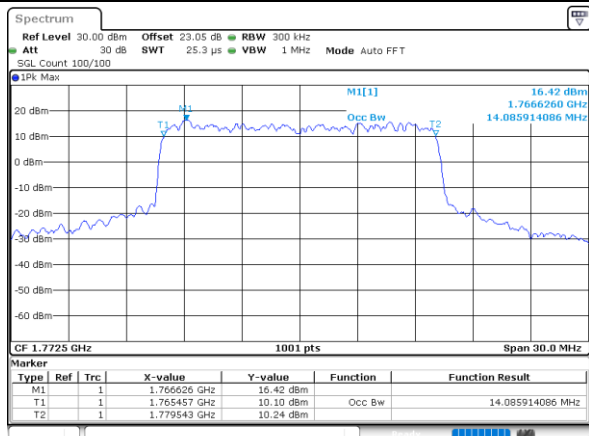
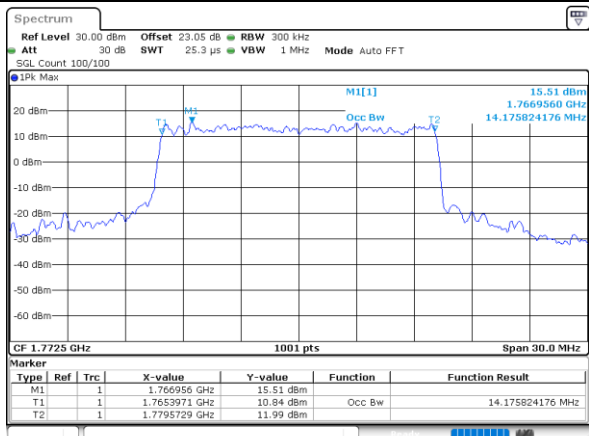


Date: 6 JUL 2020 16:04:30

Date: 6 JUL 2020 16:05:09

Highest Channel

Highest Channel



Date: 6 JUL 2020 16:39:29

Date: 6 JUL 2020 16:40:14



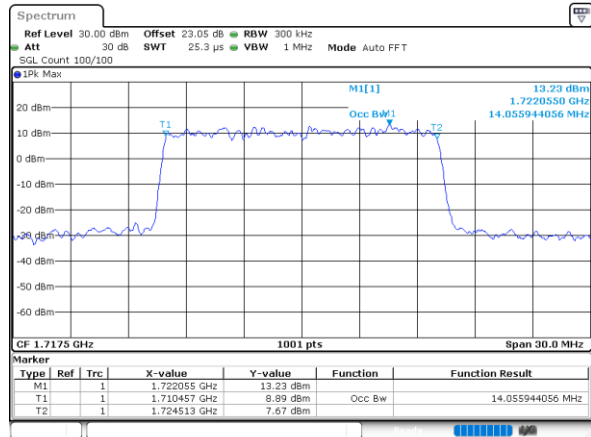
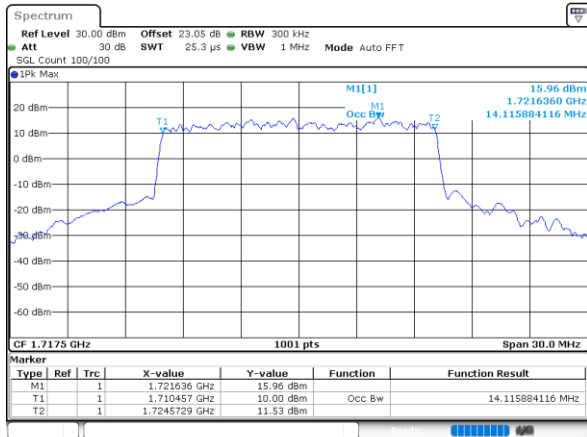
FR1 n66 / 15MHz / CP OFDM

64QAM

256QAM

Lowest Channel

Lowest Channel

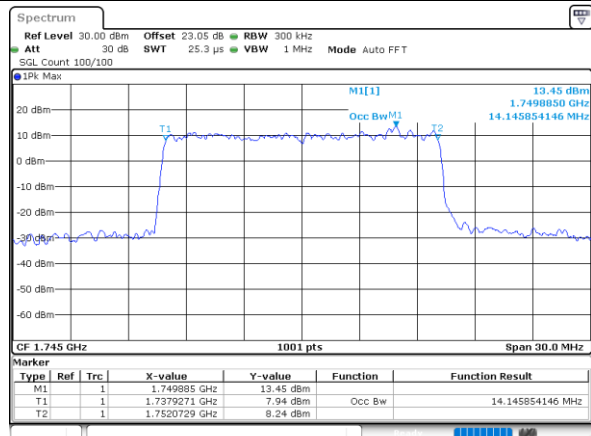
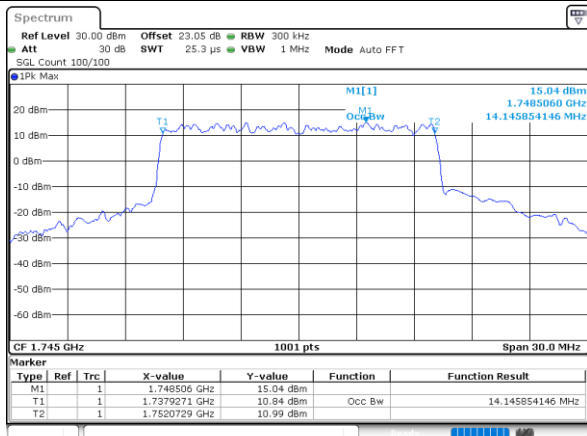


Date: 6 JUL 2020 15:43:24

Date: 6 JUL 2020 15:44:08

Middle Channel

Middle Channel

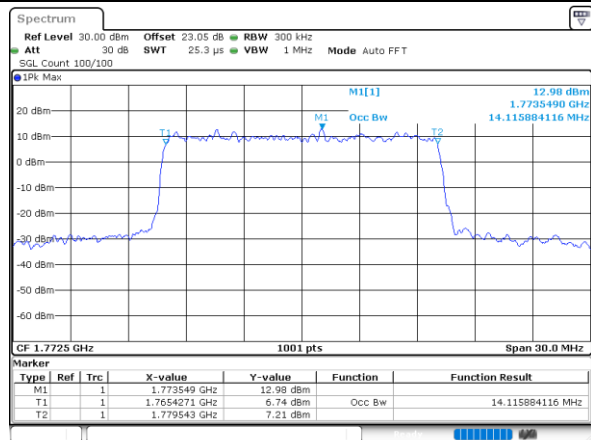
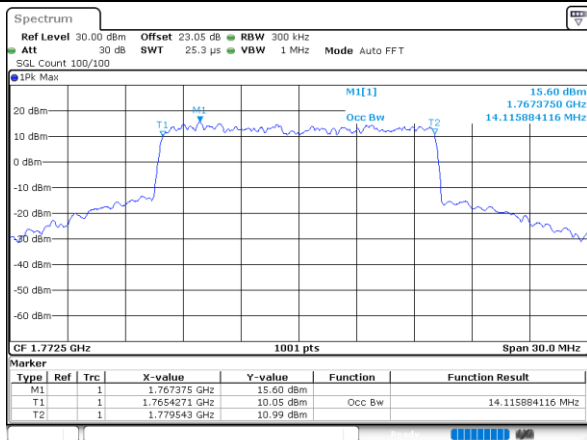


Date: 6 JUL 2020 16:05:53

Date: 6 JUL 2020 16:06:36

Highest Channel

Highest Channel



Date: 6 JUL 2020 16:41:00

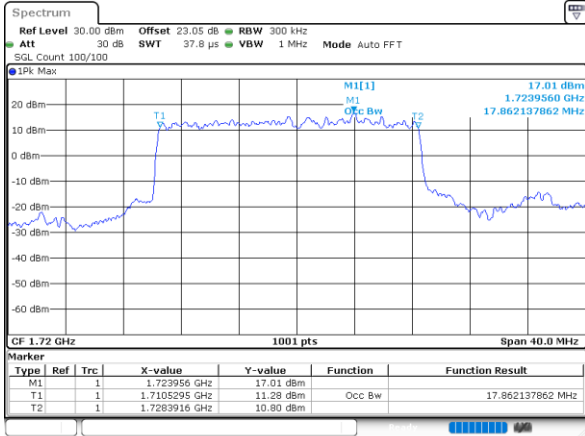
Date: 6 JUL 2020 16:41:46



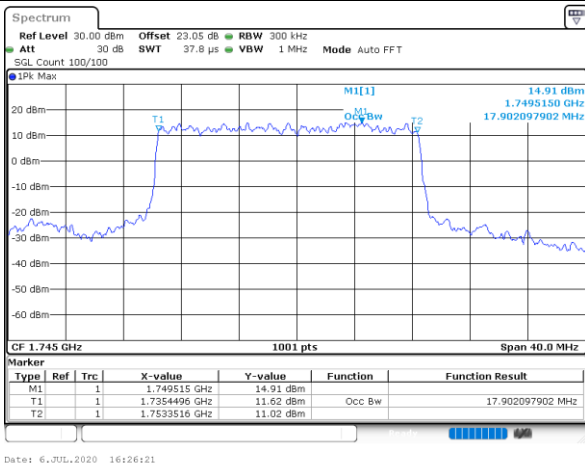
FR1 n66 / 20MHz / DFT-S OFDM

PI/2 BPSK

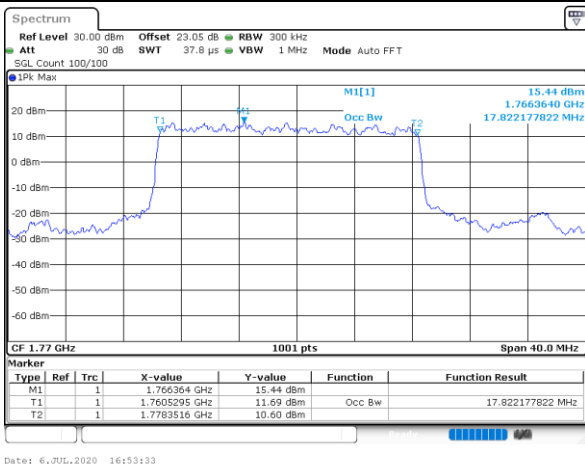
Lowest Channel



Middle Channel



Highest Channel







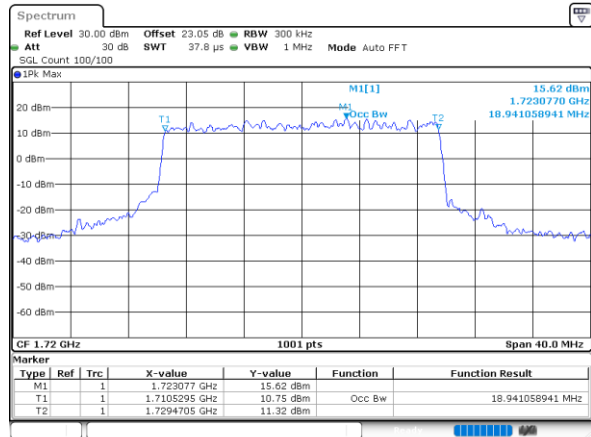
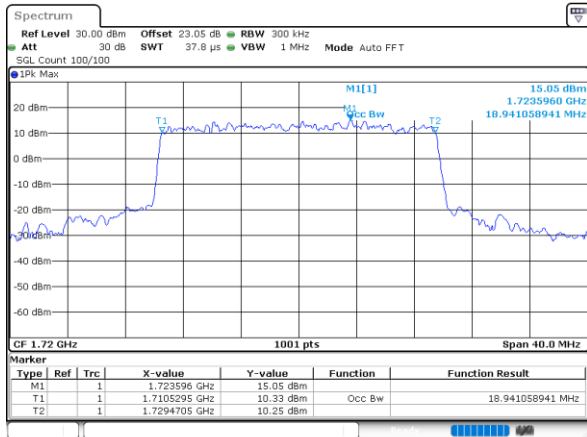
FR1 n66 / 20MHz / CP OFDM

QPSK

16QAM

Lowest Channel

Lowest Channel

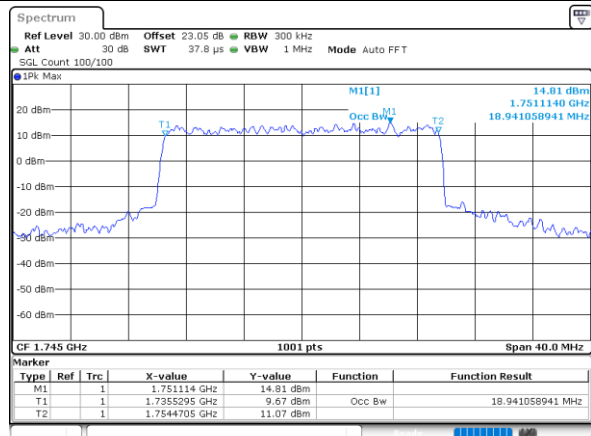
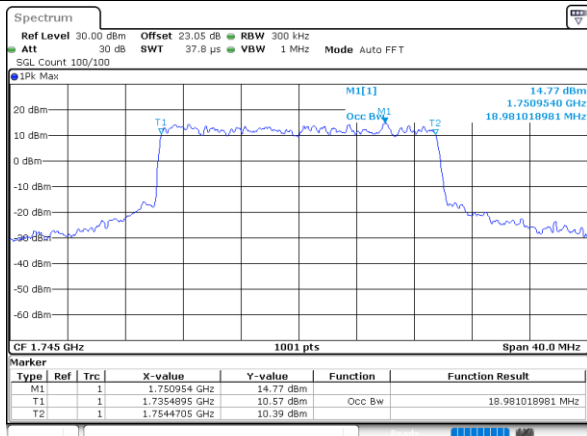


Date: 6 JUL 2020 15:48:11

Date: 6 JUL 2020 15:48:52

Middle Channel

Middle Channel

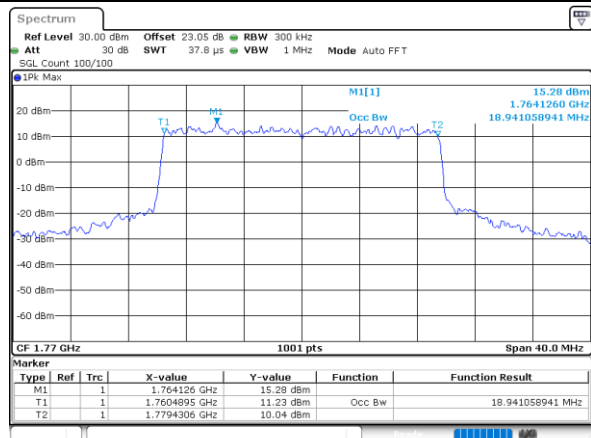
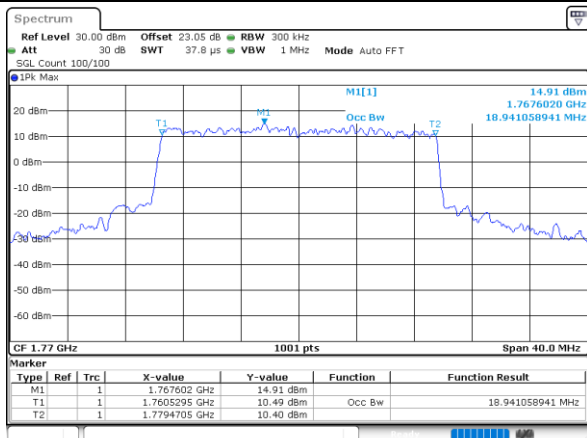


Date: 6 JUL 2020 16:09:06

Date: 6 JUL 2020 16:23:37

Highest Channel

Highest Channel



Date: 6 JUL 2020 16:50:28

Date: 6 JUL 2020 16:51:10



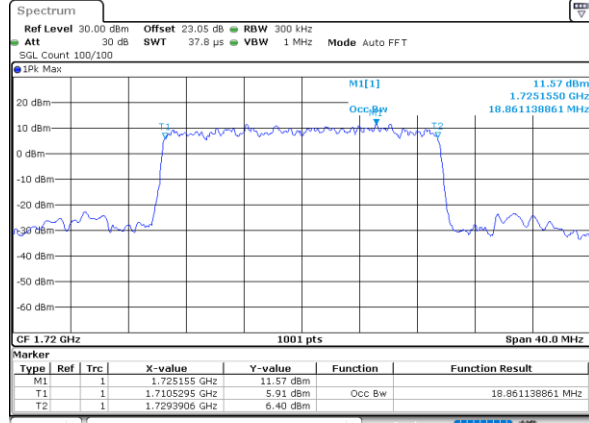
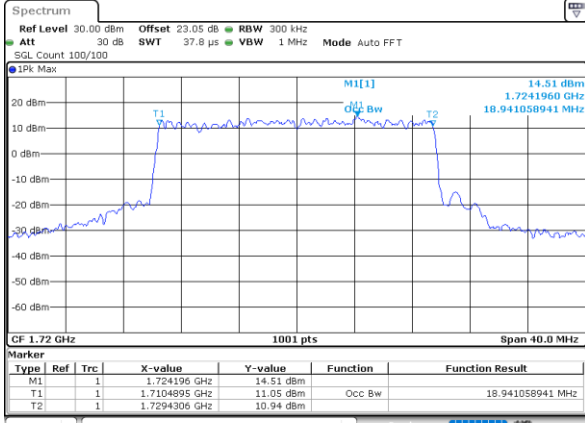
FR1 n66 / 20MHz / CP OFDM

64QAM

256QAM

Lowest Channel

Lowest Channel

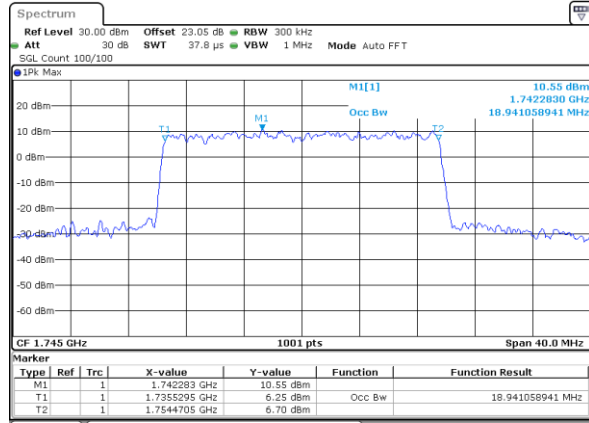
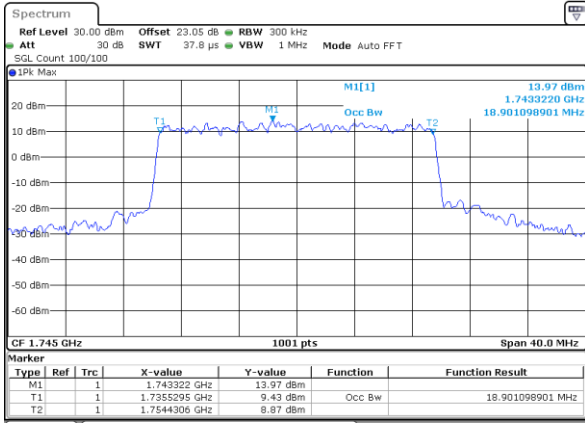


Date: 6 JUL 2020 15:49:37

Date: 6 JUL 2020 15:50:17

Middle Channel

Middle Channel

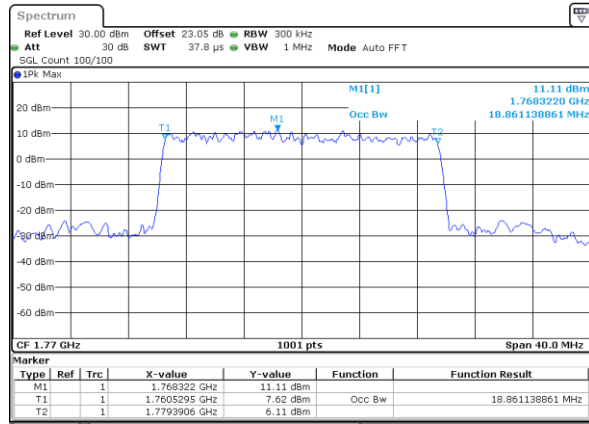
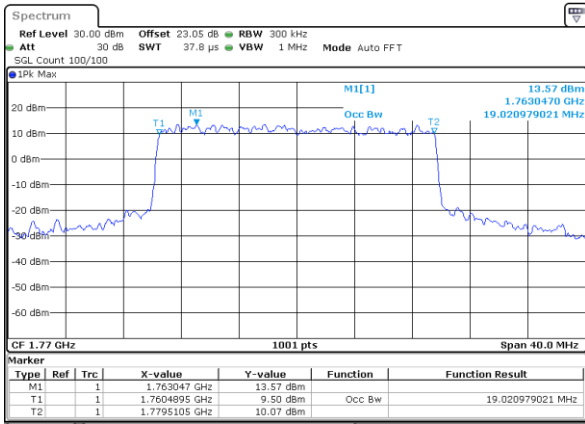


Date: 6 JUL 2020 16:24:35

Date: 6 JUL 2020 16:25:19

Highest Channel

Highest Channel

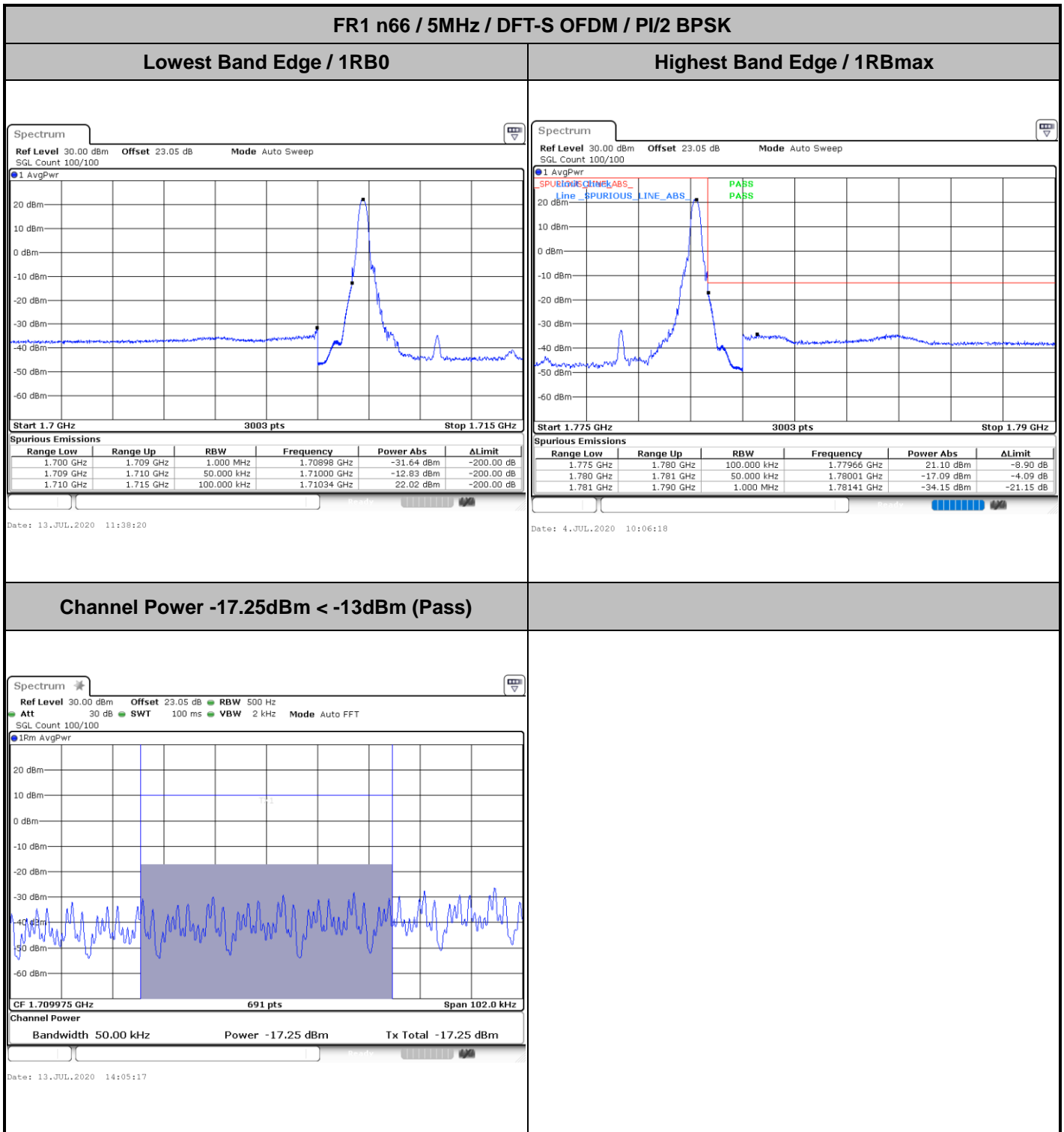


Date: 6 JUL 2020 16:51:51

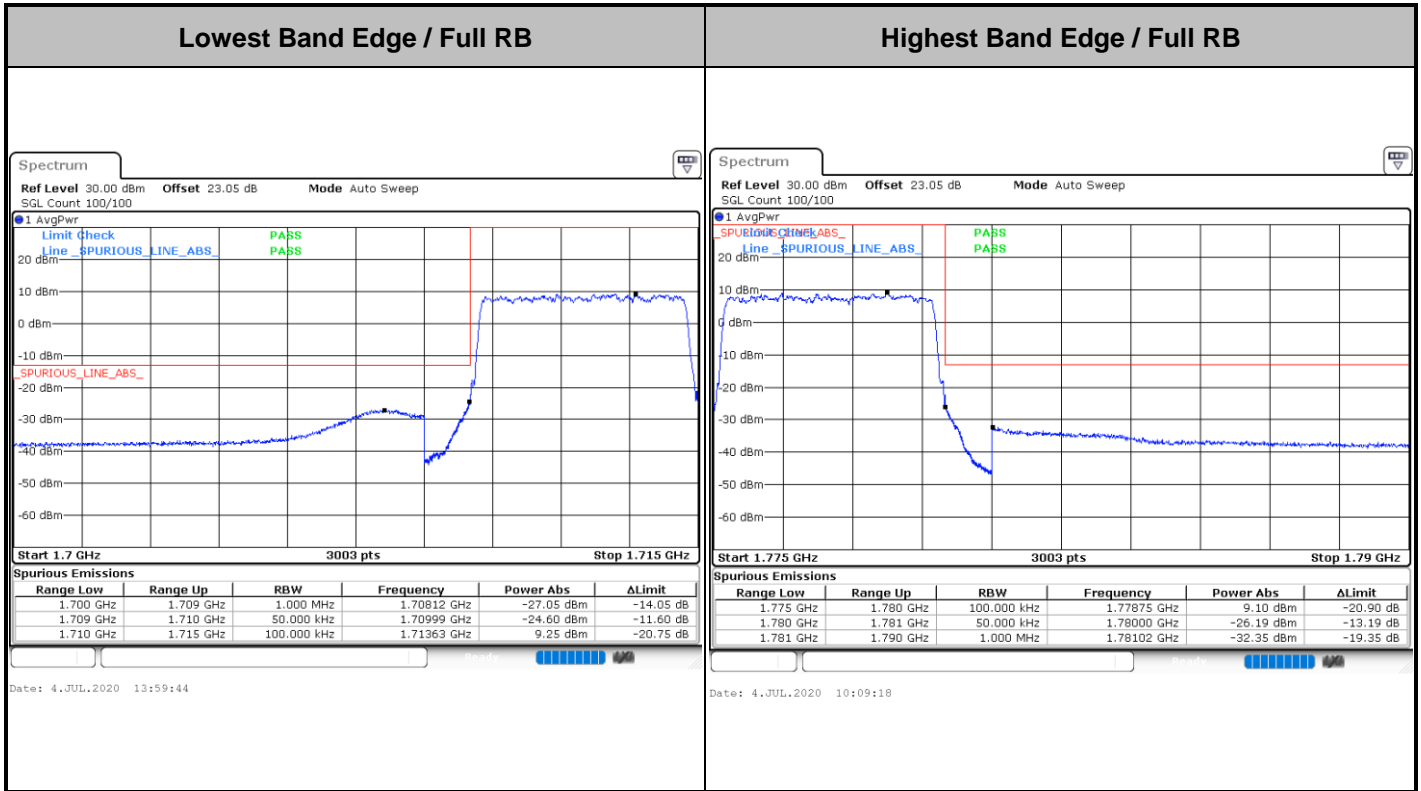
Date: 6 JUL 2020 16:52:35



# Conducted Band Edge



**Note:** The band edge is tested by channel power integration method, ANSI C63.26 clause 5.7.2.

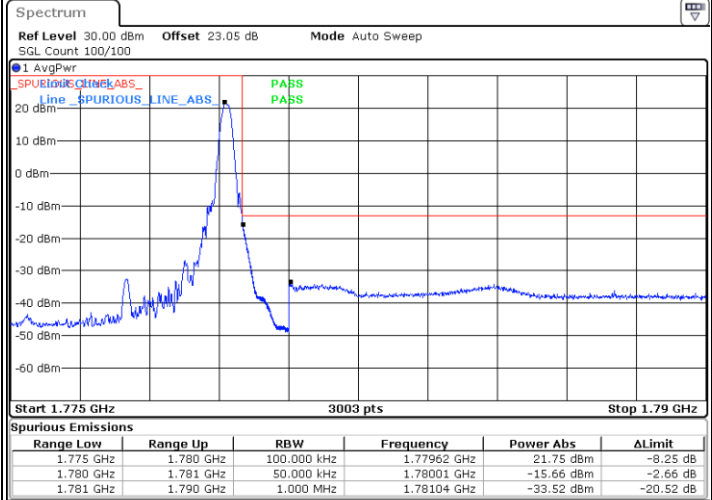
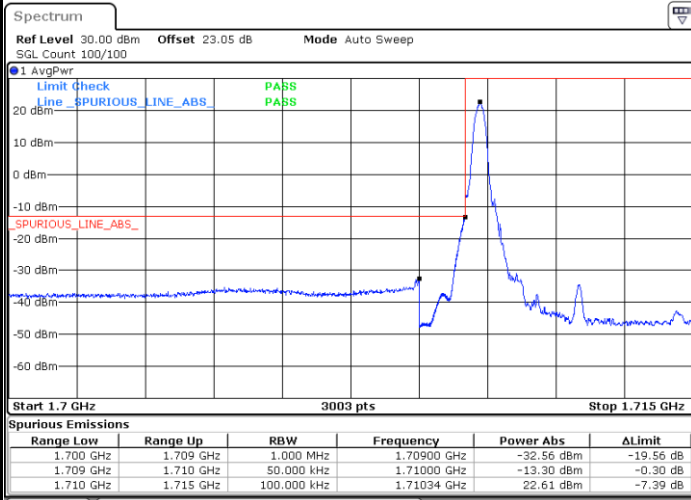




FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

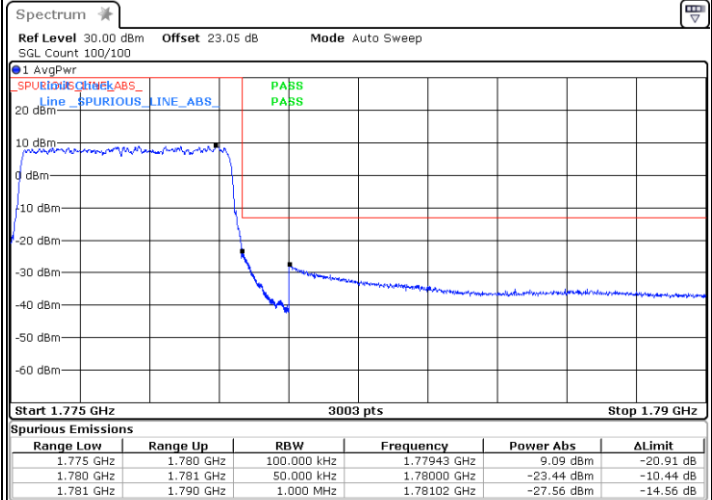
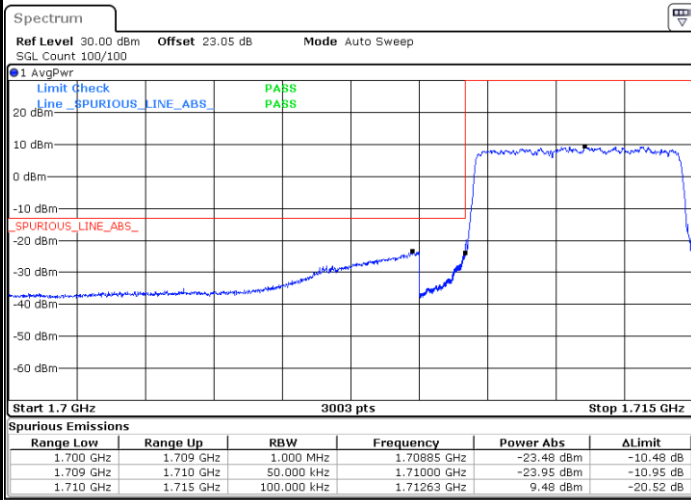


Date: 4.JUL.2020 13:57:19

Date: 4.JUL.2020 10:07:01

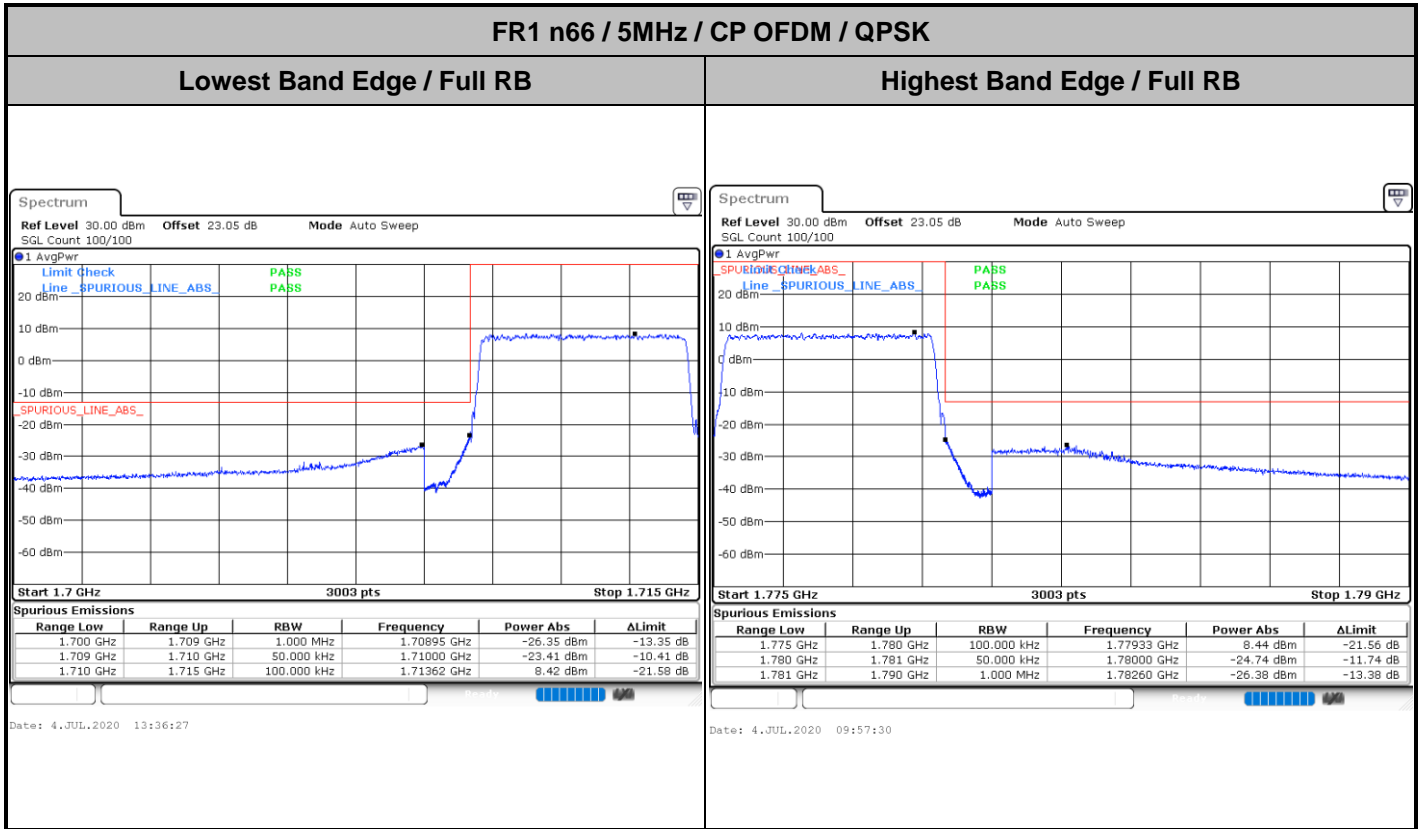
Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:00:38

Date: 4.JUL.2020 10:10:27

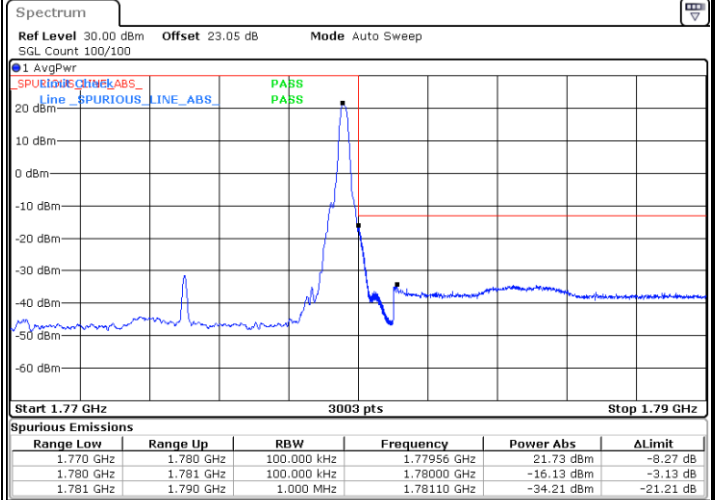
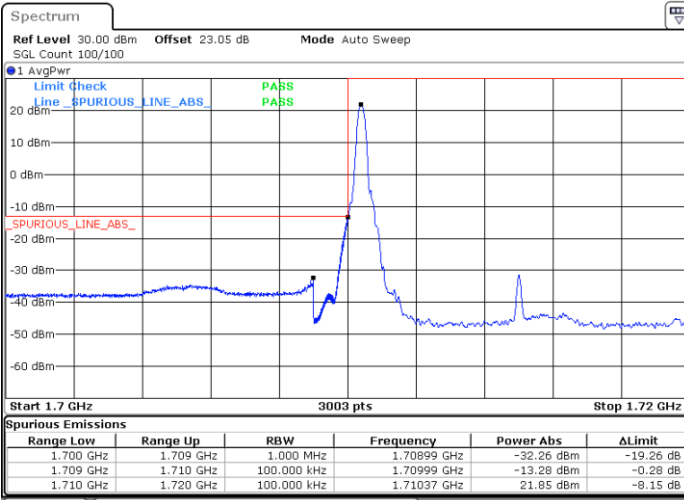




FR1 n66 / 10MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

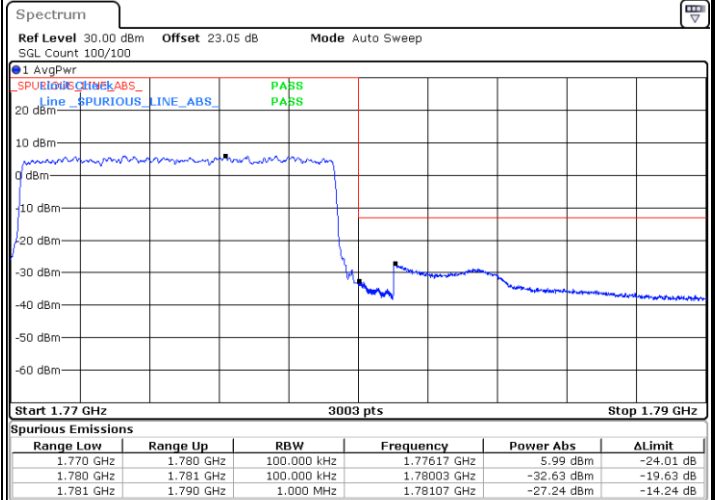
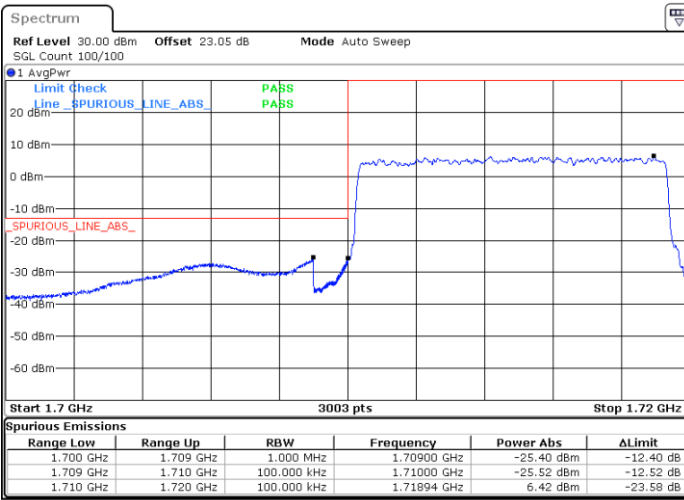


Date: 4.JUL.2020 14:11:29

Date: 4.JUL.2020 10:24:46

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:22:02

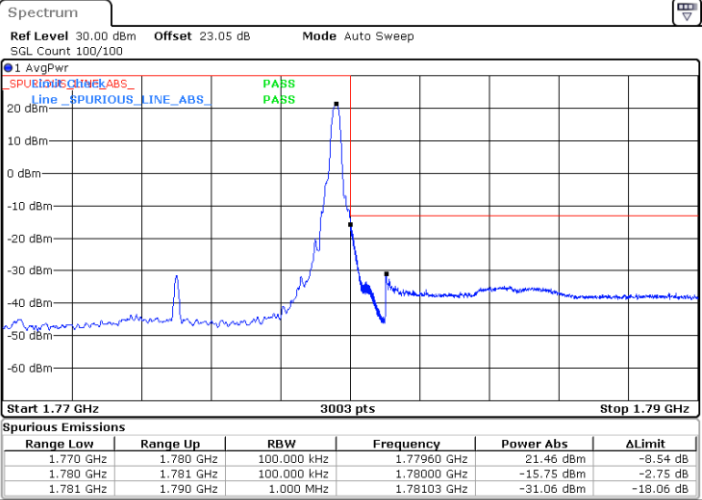
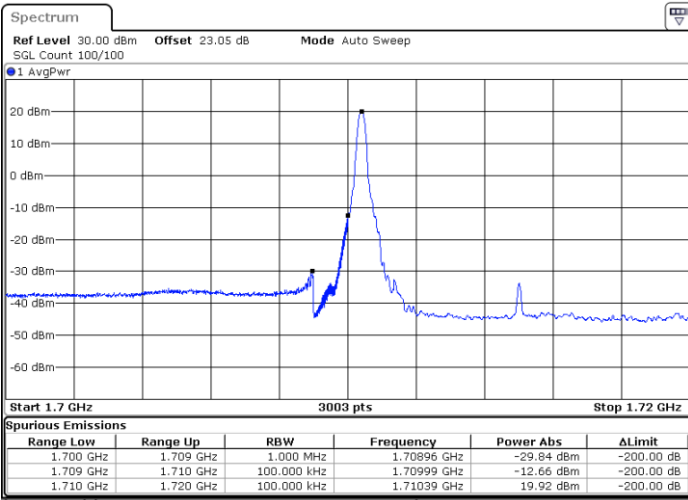
Date: 4.JUL.2020 10:23:29



FR1 n66 / 10MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

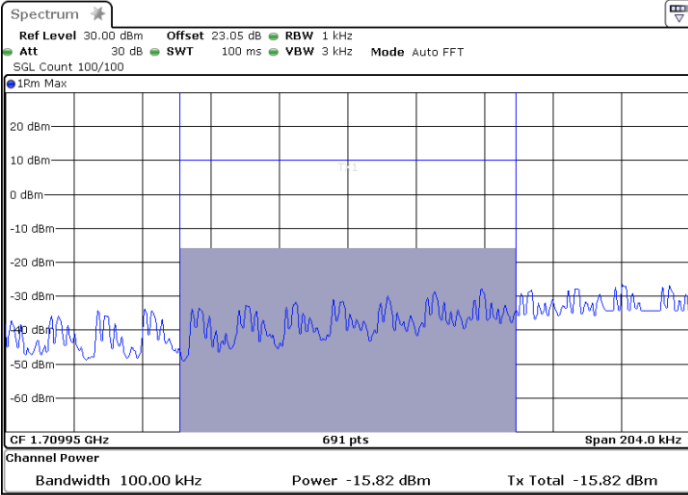
Highest Band Edge / 1RBmax



Date: 13.JUL.2020 11:43:57

Date: 4.JUL.2020 10:25:44

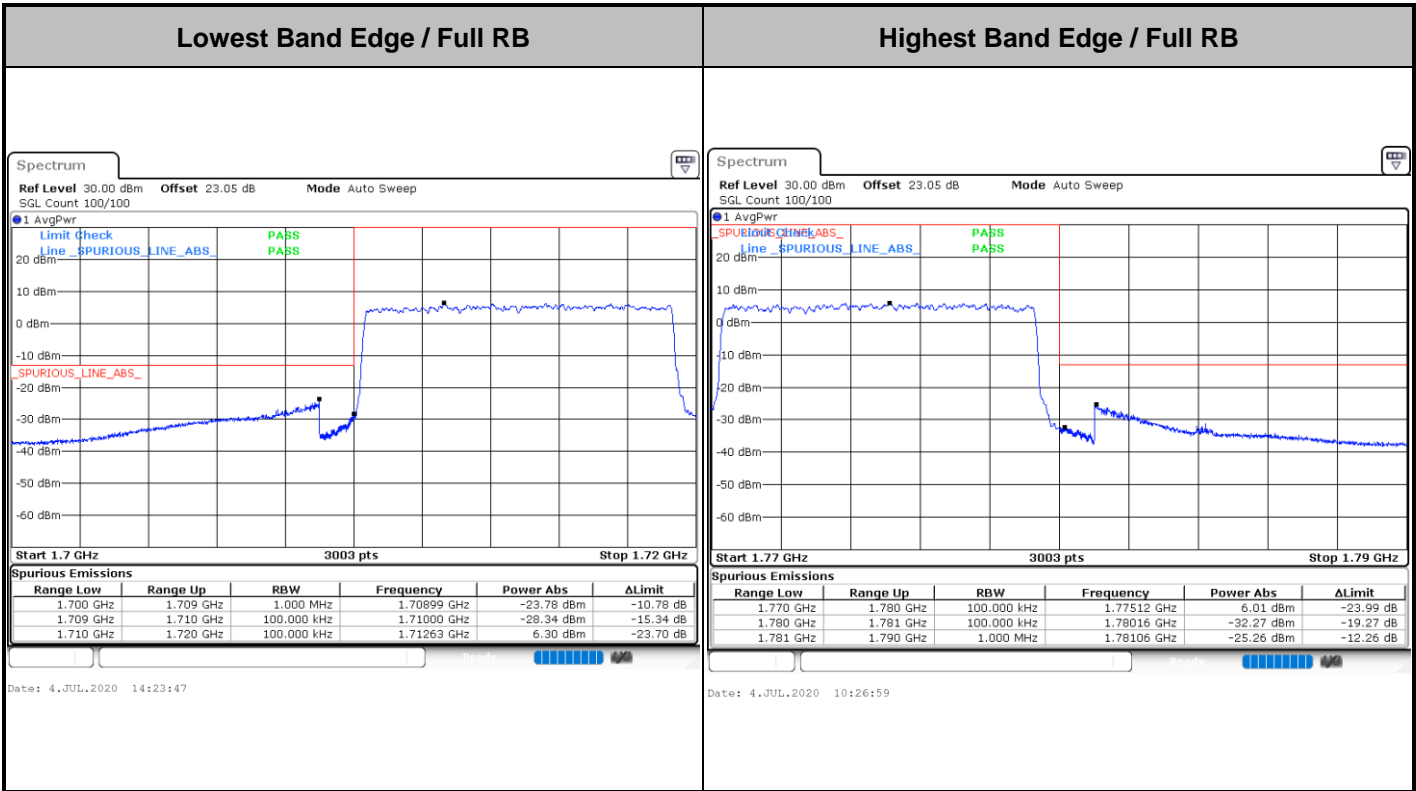
Channel Power -15.82dBm < -13dBm (Pass)

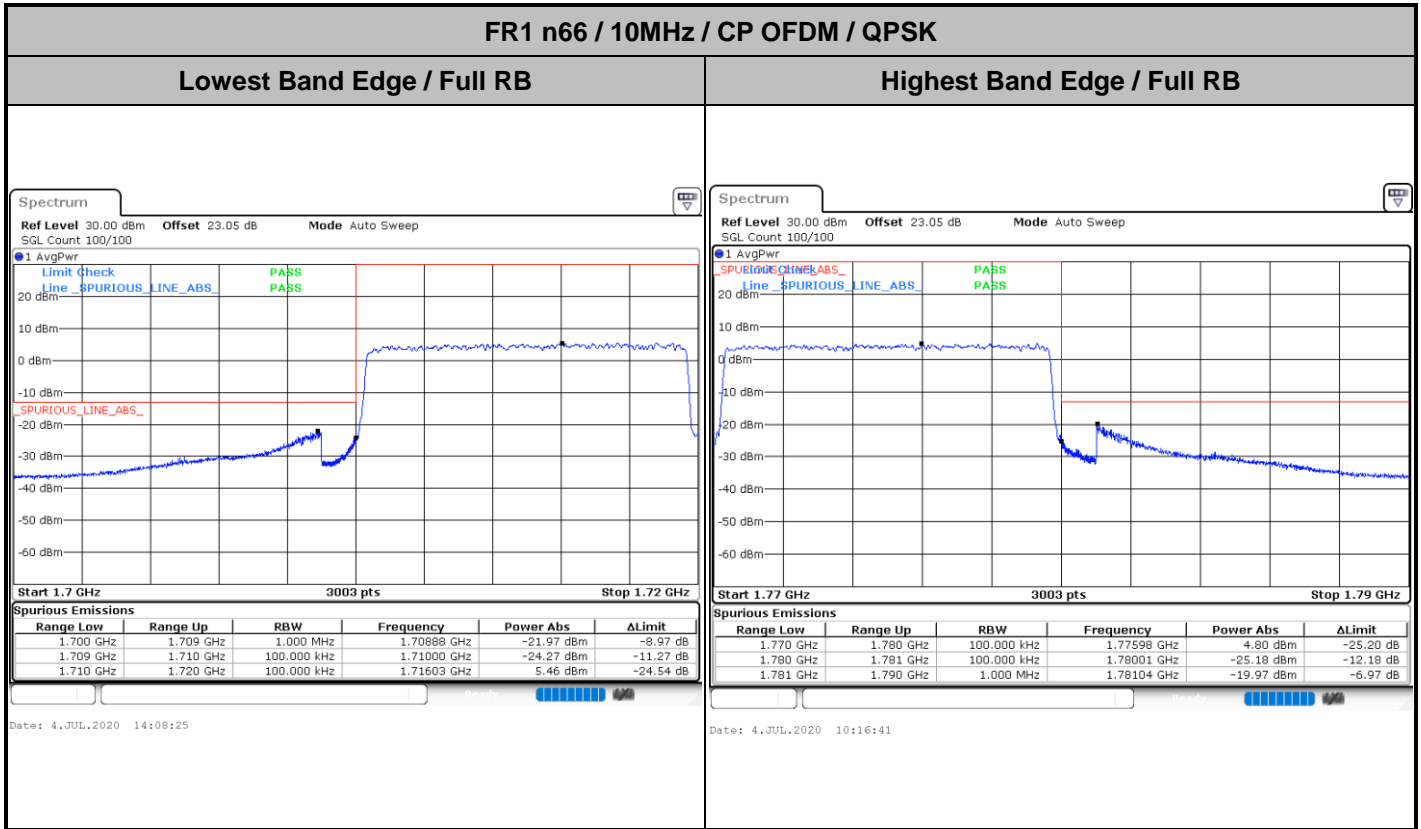


Date: 13.JUL.2020 13:59:45

Note: The band edge is tested by channel power integration method, ANSI C63.26 clause 5.7.2.





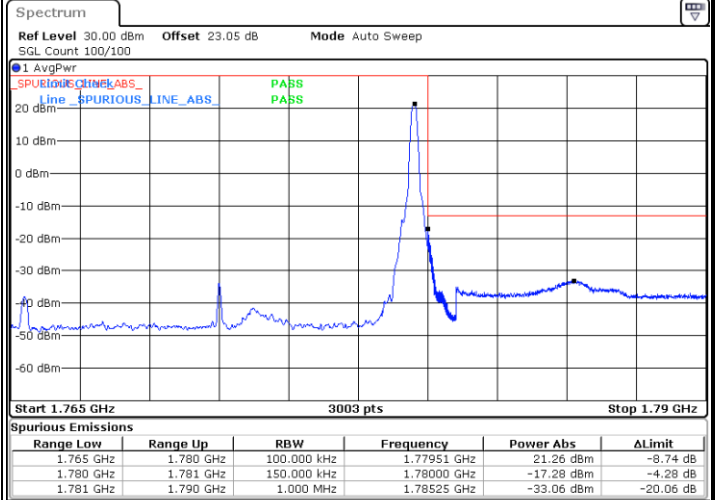
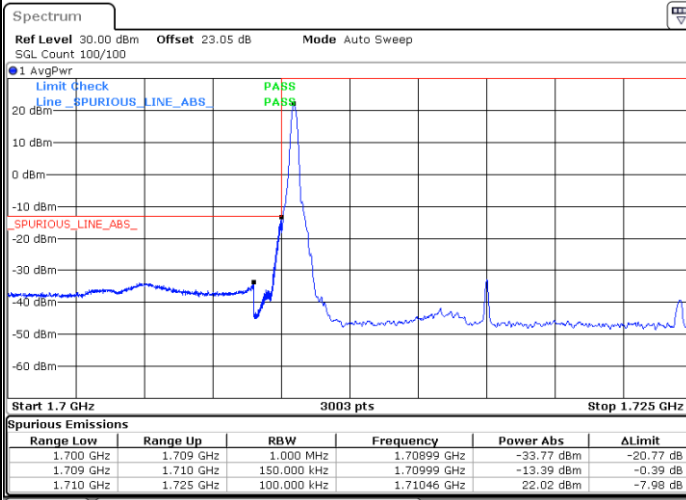




FR1 n66 / 15MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

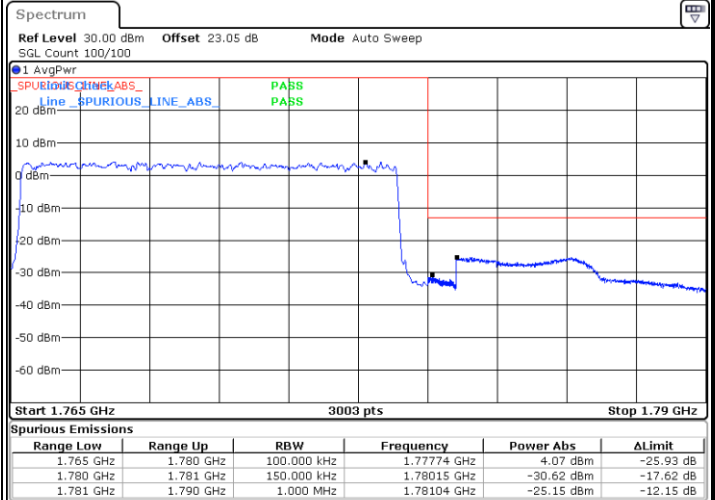
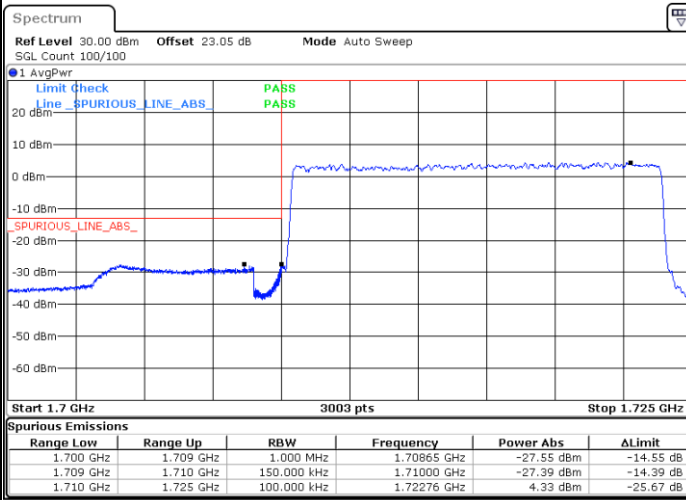


Date: 4.JUL.2020 14:32:35

Date: 4.JUL.2020 10:43:01

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:36:08

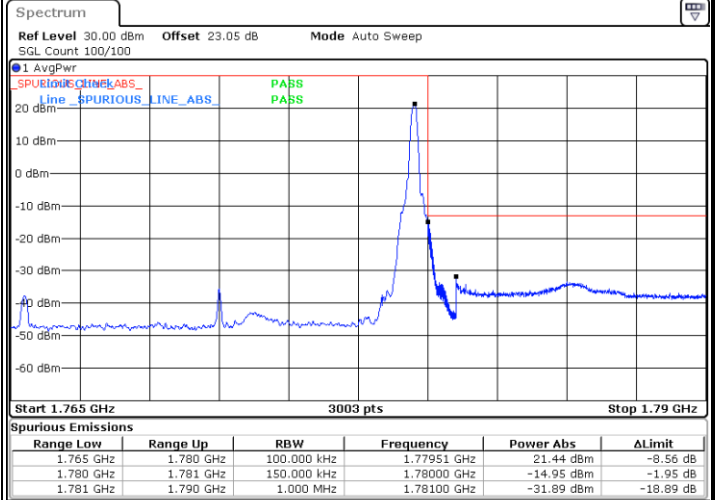
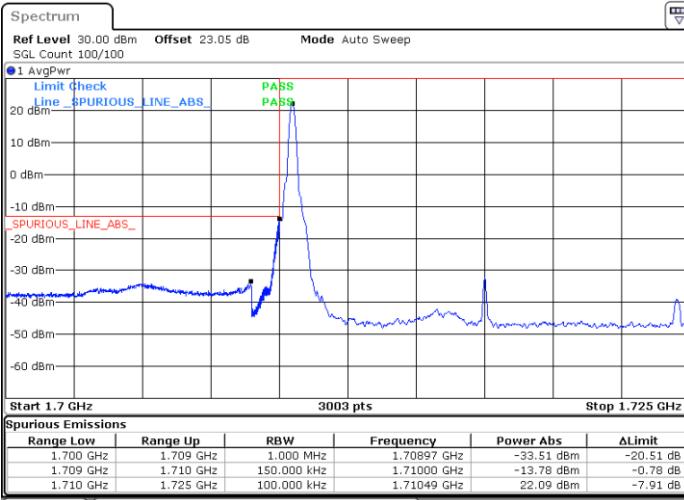
Date: 4.JUL.2020 10:46:00



FR1 n66 / 15MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

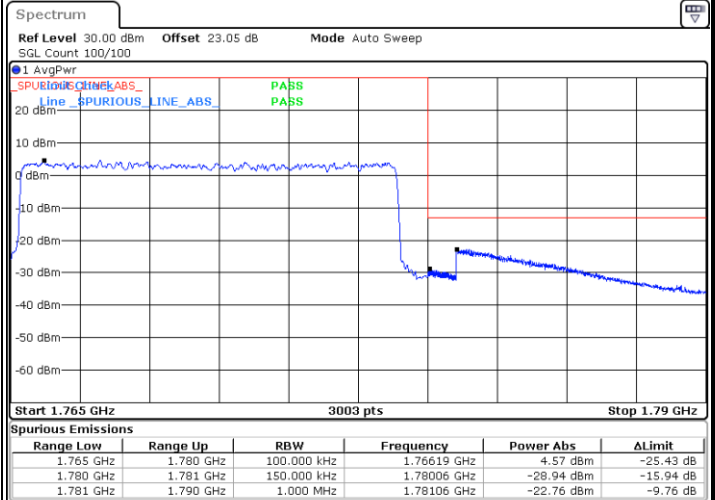
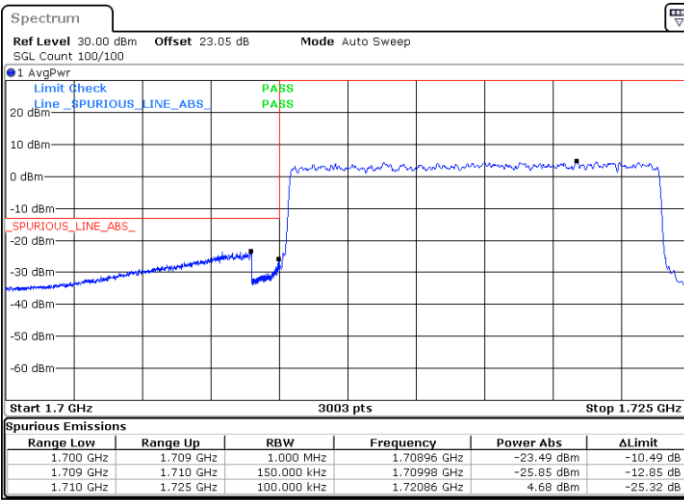


Date: 4.JUL.2020 14:33:33

Date: 4.JUL.2020 10:43:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:37:26

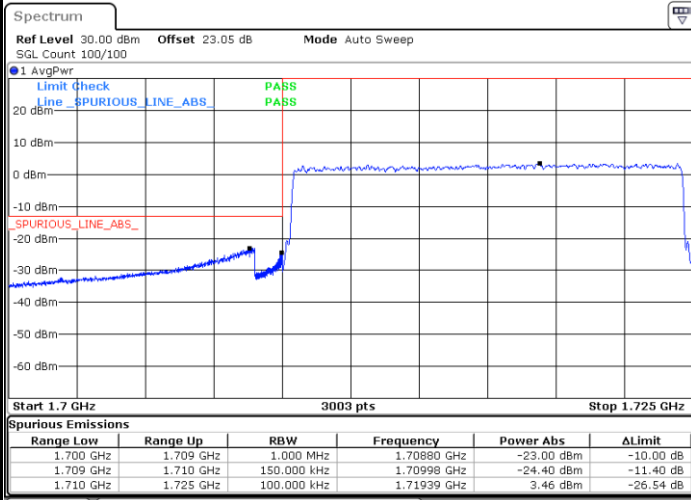
Date: 4.JUL.2020 10:46:50



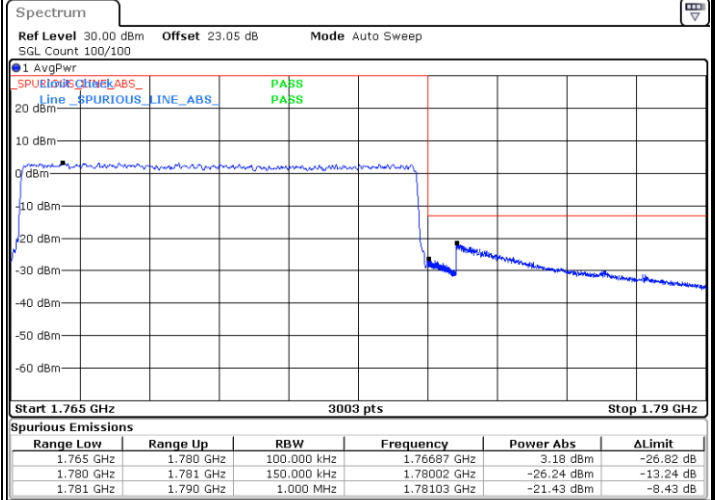
FR1 n66 / 15MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:28:44



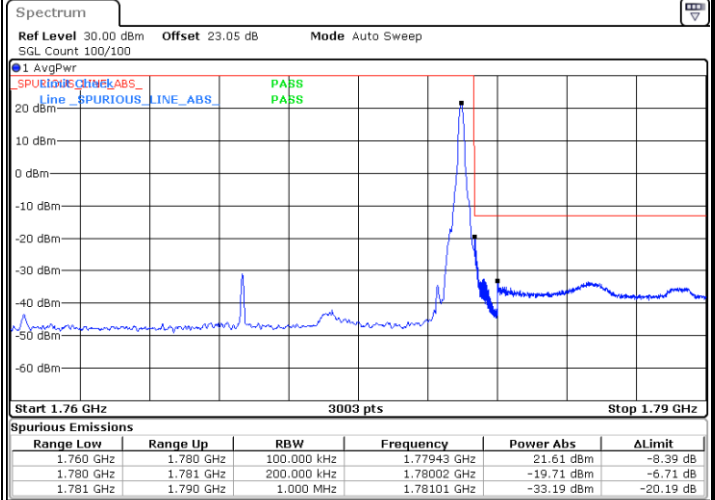
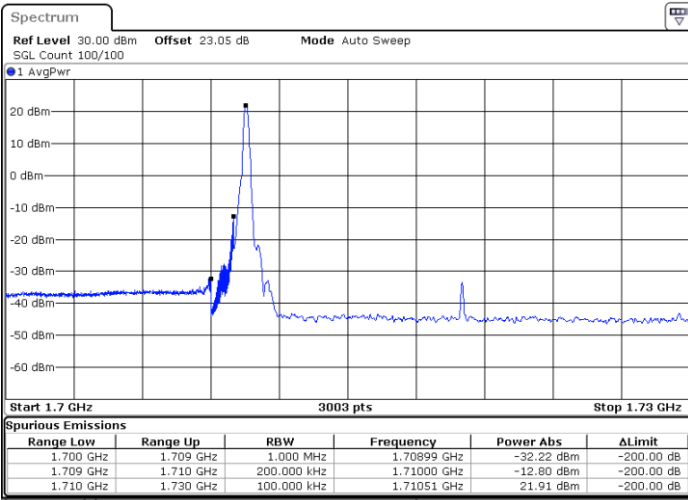
Date: 4.JUL.2020 10:37:10



FR1 n66 / 20MHz / DFT-s-OFDM / PI/2 BPSK

Lowest Band Edge / 1RB0

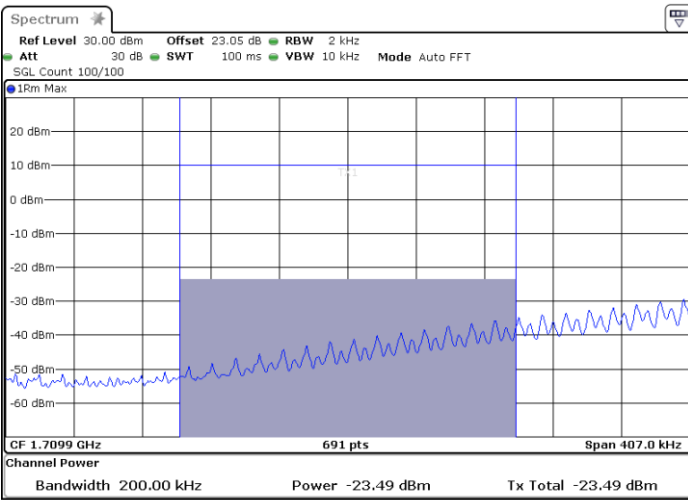
Highest Band Edge / 1RBmax



Date: 13.JUL.2020 11:56:36

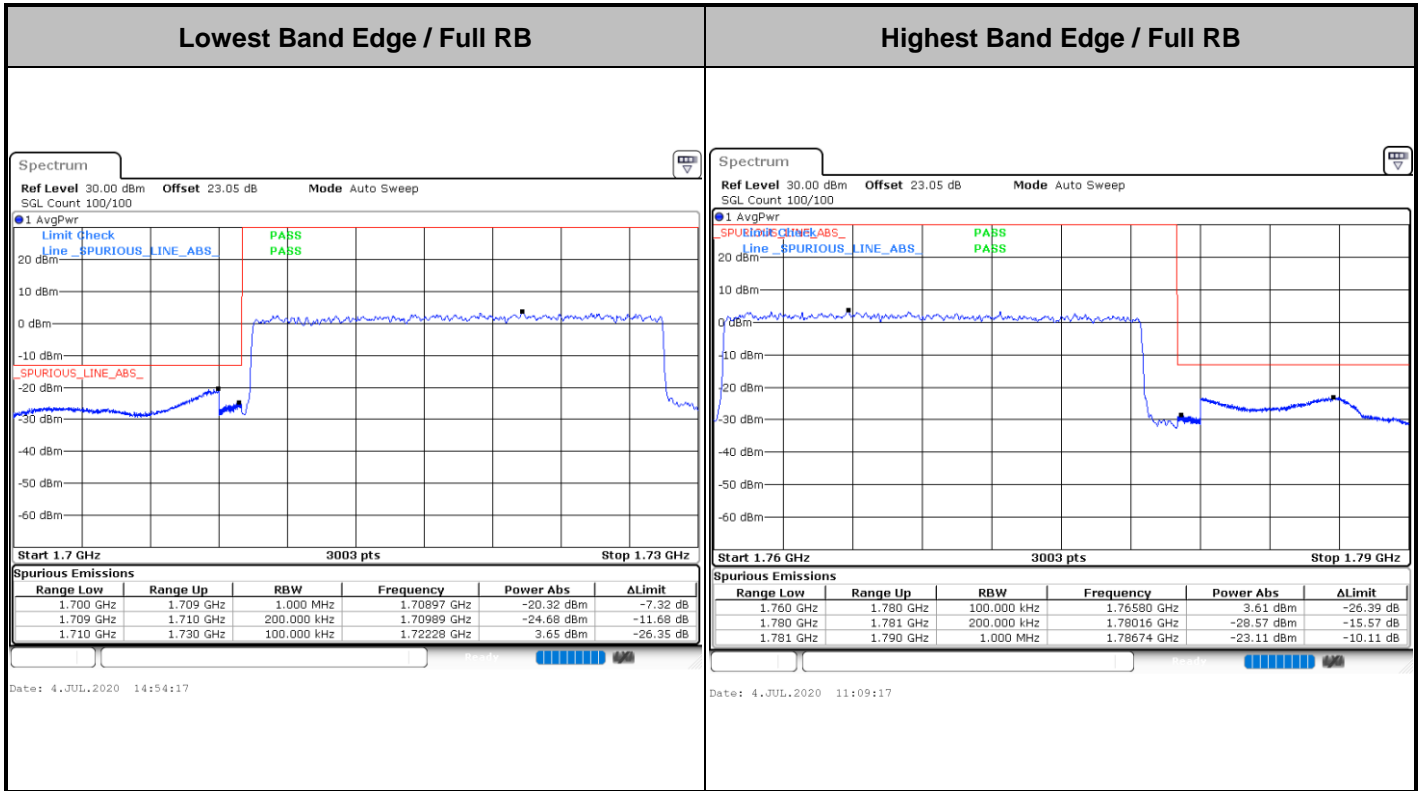
Date: 4.JUL.2020 11:07:37

Channel Power -23.49dBm < -13dBm (Pass)



Date: 13.JUL.2020 13:56:50

Note: The band edge is tested by channel power integration method, ANSI C63.26 clause 5.7.2.

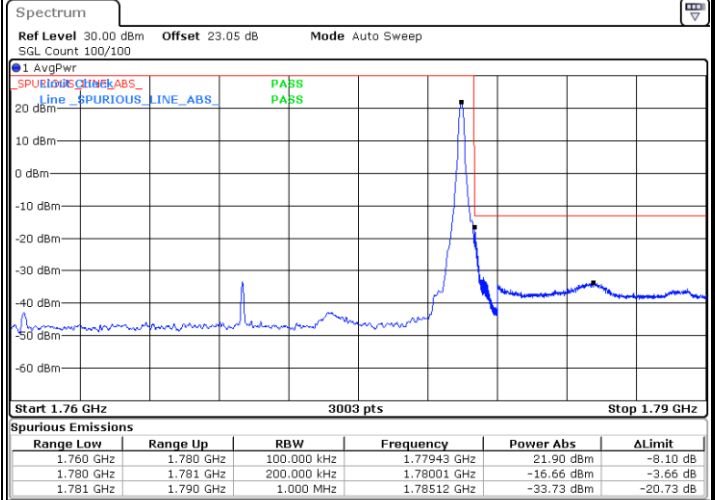
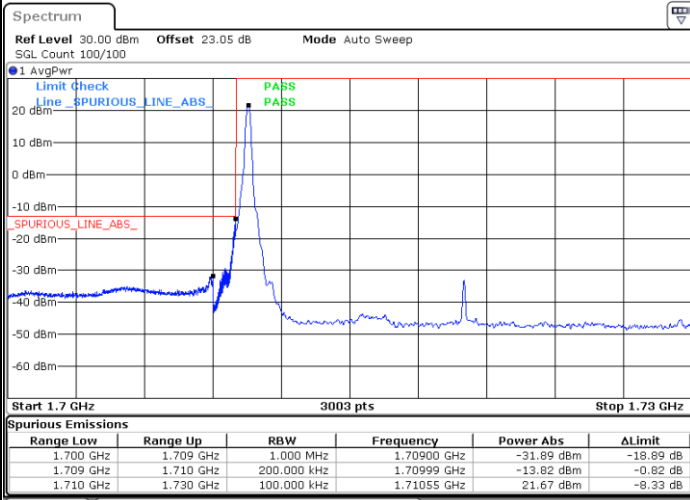




FR1 n66 / 20MHz / DFT-s-OFDM / QPSK

Lowest Band Edge / 1RB0

Highest Band Edge / 1RBmax

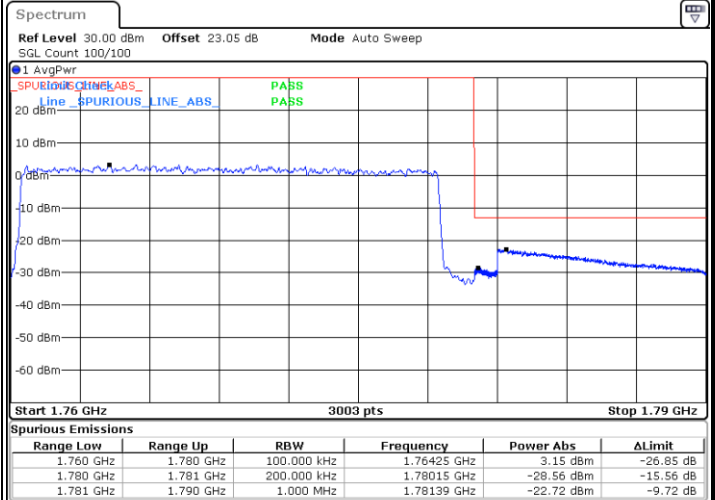
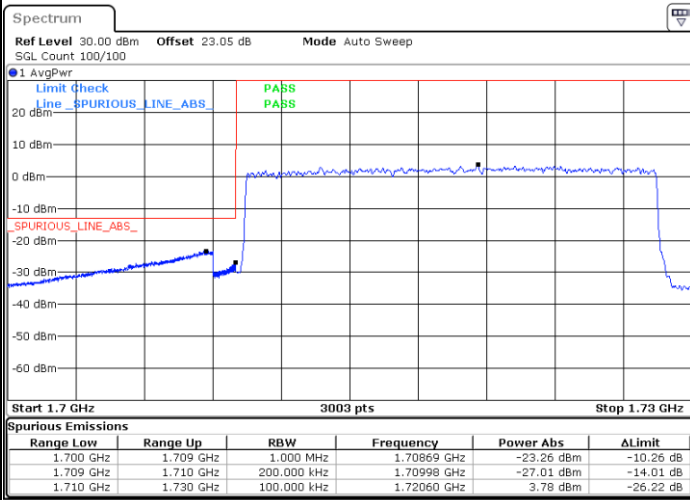


Date: 4.JUL.2020 14:51:59

Date: 4.JUL.2020 11:08:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:55:19

Date: 4.JUL.2020 11:09:58

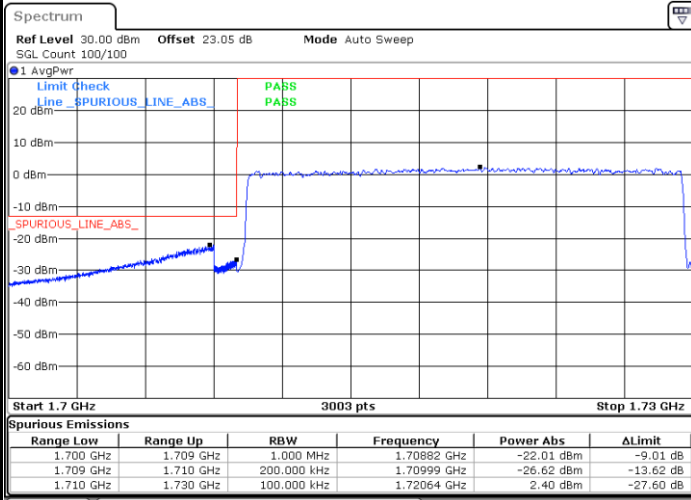




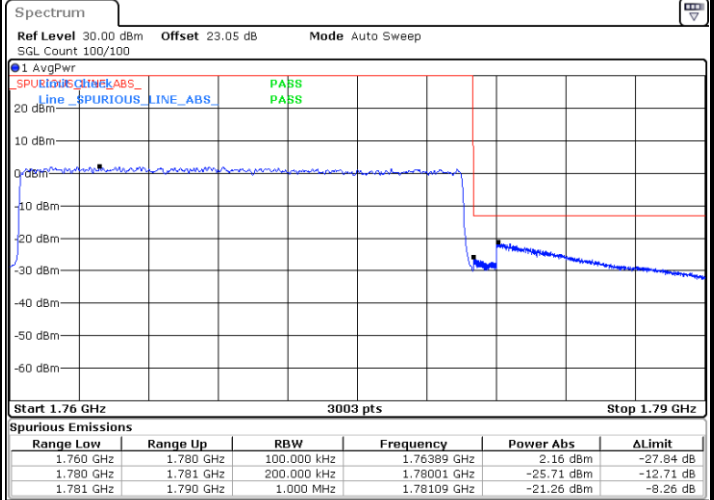
FR1 n66 / 20MHz / CP OFDM / QPSK

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JUL.2020 14:42:42



Date: 4.JUL.2020 10:59:12

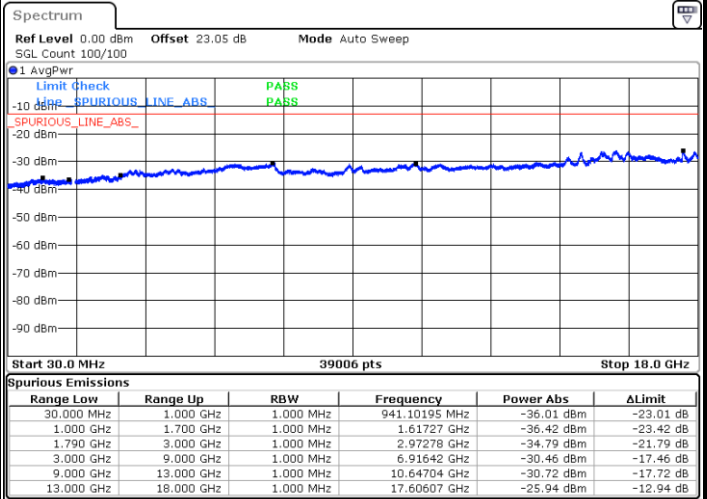
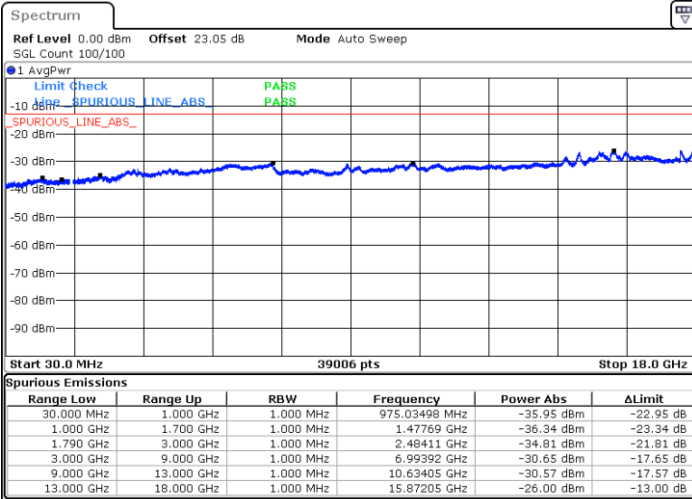


# Conducted Spurious Emission

FR1 n66 / 5MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

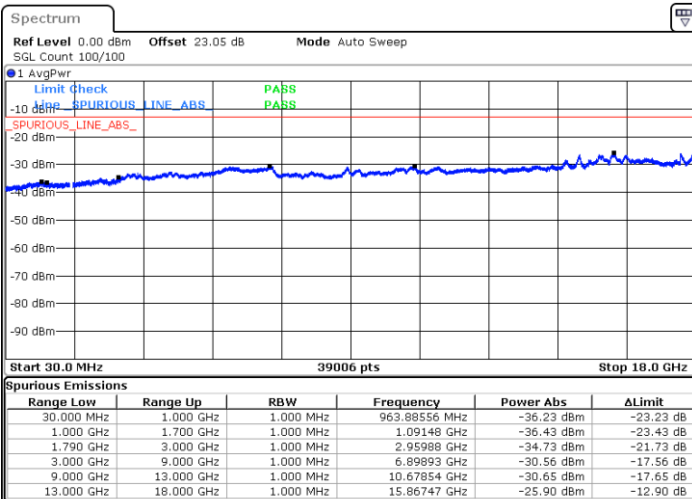
Middle Channel / 1RB1



Date: 7.JUL.2020 15:56:08

Date: 7.JUL.2020 16:11:59

Highest Channel / 1RB1



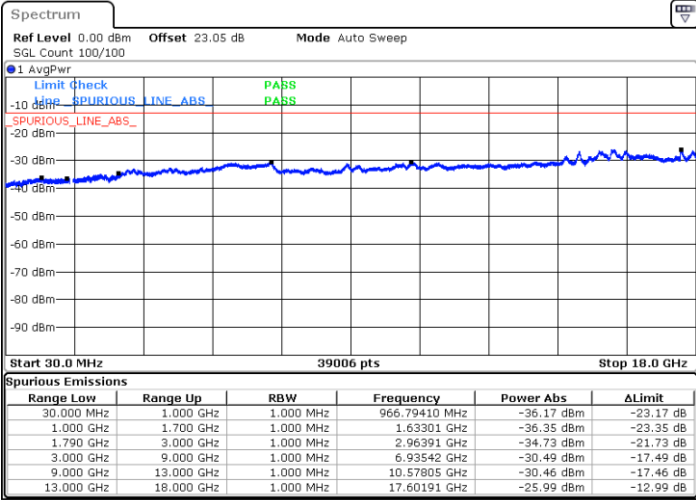
Date: 7.JUL.2020 16:30:05



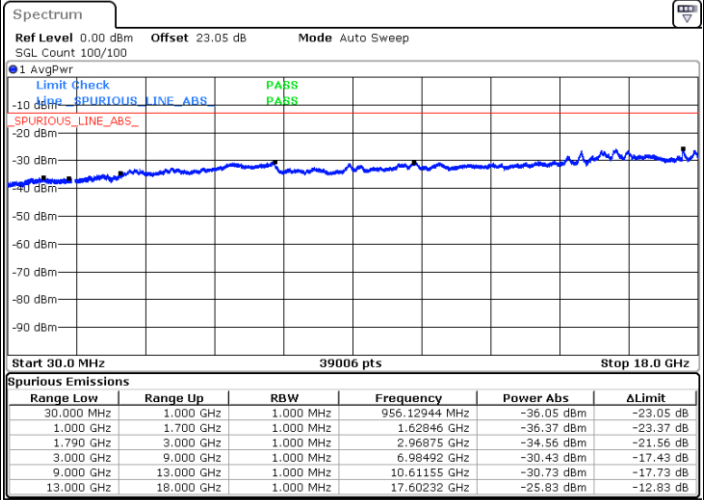
FR1 n66 / 10MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

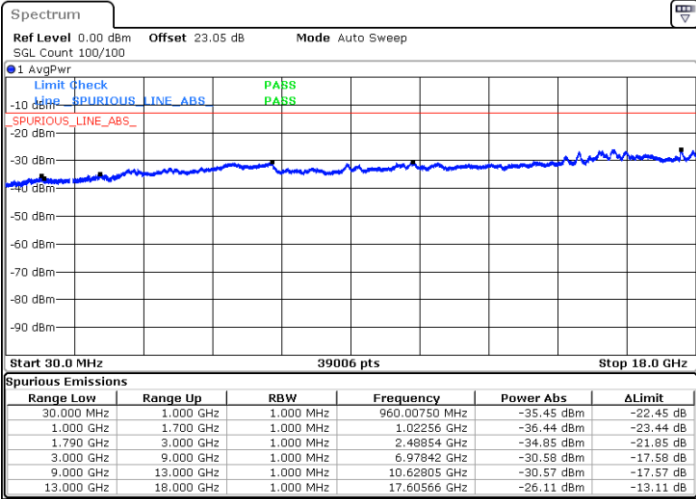


Date: 7.JUL.2020 15:59:26



Date: 7.JUL.2020 16:14:35

Highest Channel / 1RB1



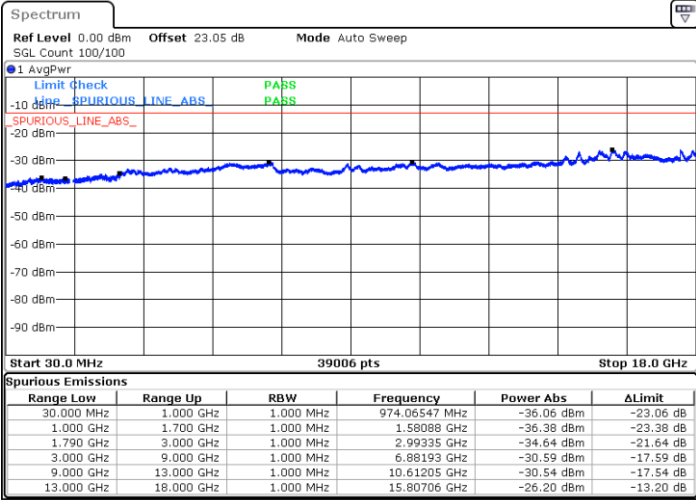
Date: 7.JUL.2020 16:35:02



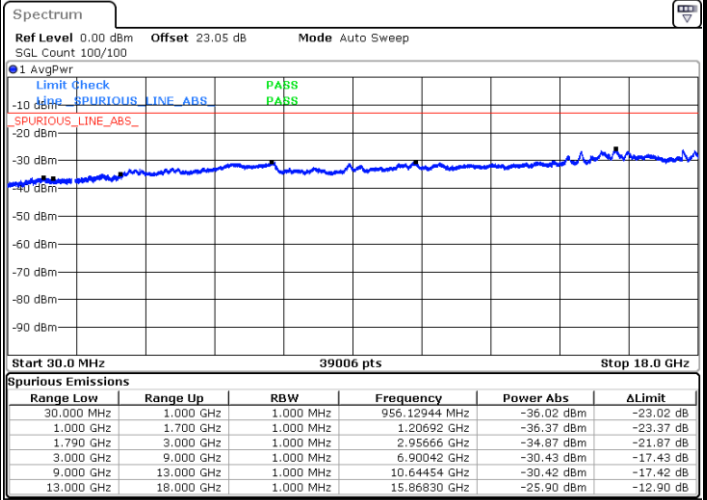
FR1 n66 / 15MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

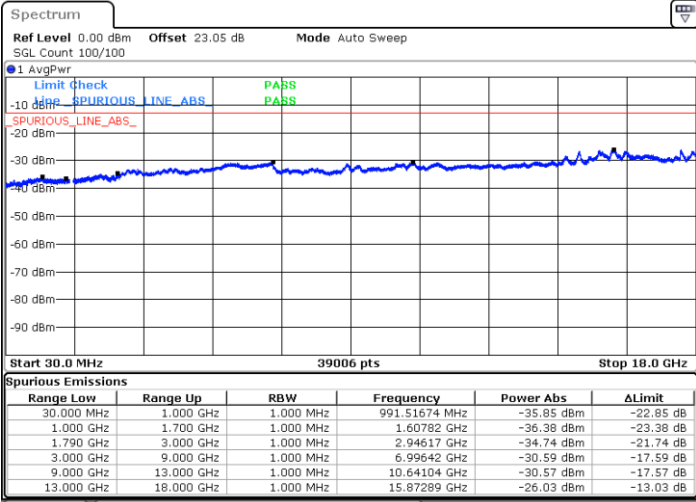


Date: 7.JUL.2020 16:02:03



Date: 7.JUL.2020 16:17:30

Highest Channel / 1RB1



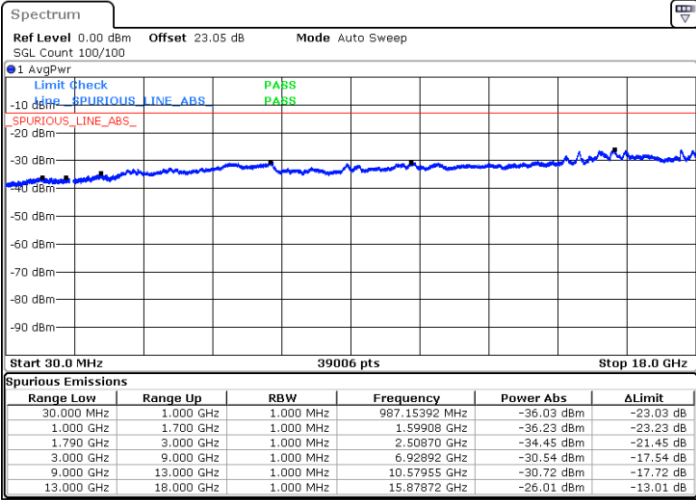
Date: 7.JUL.2020 16:38:27



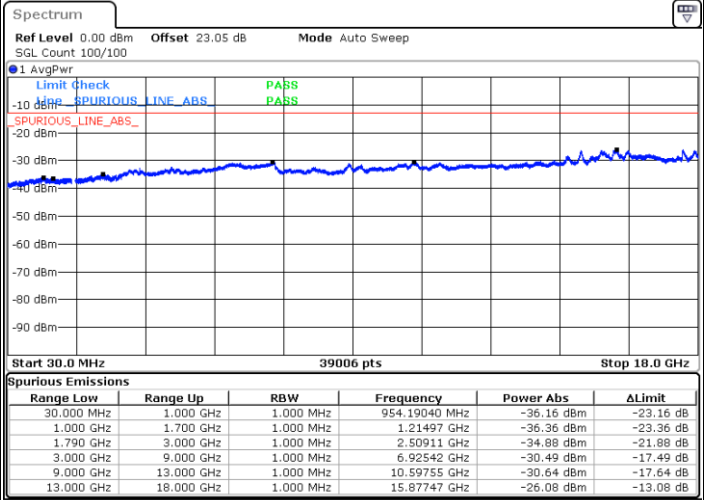
FR1 n66 / 20MHz / DFT-S OFDM / QPSK

Lowest Channel / 1RB1

Middle Channel / 1RB1

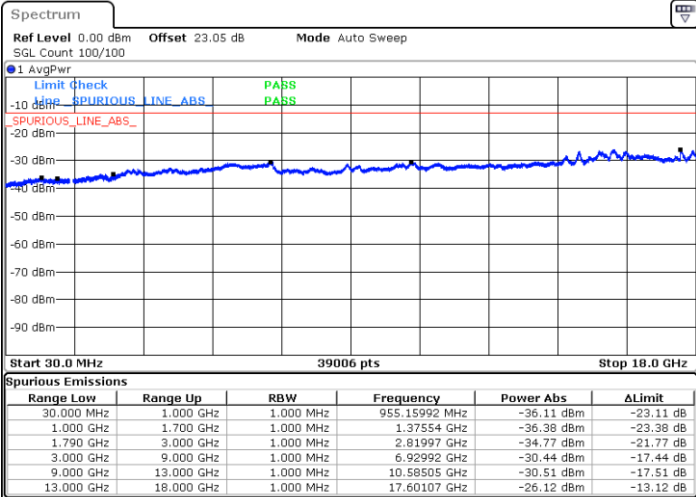


Date: 7.JUL.2020 16:04:36



Date: 7.JUL.2020 16:20:17

Highest Channel / 1RB1



Date: 7.JUL.2020 16:40:58



### Frequency Stability

Test Conditions		FR1 n66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0216	

**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

#### <DFT-s-OFDM>

NR n2 / 5MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.84	0.2422	27.44	0.5547
Middle		1	1	23.94	0.2478	27.54	0.5676
Highest		1	23	23.84	0.2422	27.44	0.5547
Lowest	QPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.64	0.2313	27.24	0.5297
Highest		1	23	23.54	0.2260	27.14	0.5177
Lowest	16QAM	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.44	0.2209	27.04	0.5059
Highest		1	23	23.34	0.2158	26.94	0.4944
Lowest	64QAM	1	1	22.64	0.1837	26.24	0.4208
Middle		1	1	22.14	0.1637	25.74	0.3750
Highest		1	23	22.04	0.1600	25.64	0.3665
Lowest	256QAM	1	1	20.64	0.1159	24.24	0.2655
Middle		1	1	20.34	0.1082	23.94	0.2478
Highest		1	23	20.34	0.1082	23.94	0.2478
Limit	EIRP < 2W			Result		PASS	

NR n2 / 10MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.94	0.2478	27.54	0.5676
Highest		1	50	23.94	0.2478	27.54	0.5676
Lowest	QPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.74	0.2366	27.34	0.5421
Highest		1	50	23.64	0.2313	27.24	0.5297
Lowest	16QAM	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.34	0.2158	26.94	0.4944
Highest		1	50	23.44	0.2209	27.04	0.5059
Lowest	64QAM	1	1	22.74	0.1880	26.34	0.4306
Middle		1	1	22.14	0.1637	25.74	0.3750
Highest		1	50	22.04	0.1600	25.64	0.3665
Lowest	256QAM	1	1	20.64	0.1159	24.24	0.2655
Middle		1	1	20.34	0.1082	23.94	0.2478
Highest		1	50	20.34	0.1082	23.94	0.2478
Limit	EIRP < 2W			Result		PASS	



NR n2 / 15MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	77	23.94	0.2478	27.54	0.5676
Lowest	QPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.74	0.2366	27.34	0.5421
Highest		1	77	23.64	0.2313	27.24	0.5297
Lowest	16QAM	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	77	23.34	0.2158	26.94	0.4944
Lowest	64QAM	1	1	22.74	0.1880	26.34	0.4306
Middle		1	1	22.14	0.1637	25.74	0.3750
Highest		1	77	22.04	0.1600	25.64	0.3665
Lowest	256QAM	1	1	20.64	0.1159	24.24	0.2655
Middle		1	1	20.44	0.1107	24.04	0.2536
Highest		1	77	20.44	0.1107	24.04	0.2536
Limit	EIRP < 2W			Result		PASS	

NR n2 / 20MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	PI/2 BPSK	1	1	23.94	0.2478	27.54	0.5676
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	104	23.94	0.2478	27.54	0.5676
Lowest	QPSK	1	0	23.94	0.2478	27.54	0.5676
Middle		1	0	23.74	0.2366	27.34	0.5421
Highest		1	104	23.54	0.2260	27.14	0.5177
Lowest	16QAM	1	1	23.84	0.2422	27.44	0.5547
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	104	23.44	0.2209	27.04	0.5059
Lowest	64QAM	1	1	22.44	0.1754	26.04	0.4018
Middle		1	1	22.14	0.1637	25.74	0.3750
Highest		1	104	22.04	0.1600	25.64	0.3665
Lowest	256QAM	1	1	20.54	0.1133	24.14	0.2595
Middle		1	1	20.34	0.1082	23.94	0.2478
Highest		1	104	20.34	0.1082	23.94	0.2478
Limit	EIRP < 2W			Result		PASS	





NR n5 / 5MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	23	23.56	0.2270	21.61	0.1449
Lowest	QPSK	1	1	23.86	0.2433	21.91	0.1553
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	23	23.56	0.2270	21.61	0.1449
Lowest	16QAM	1	1	23.66	0.2323	21.71	0.1483
Middle		1	1	23.86	0.2433	21.91	0.1553
Highest		1	23	23.06	0.2024	21.11	0.1292
Lowest	64QAM	1	1	21.76	0.1500	19.81	0.0958
Middle		1	1	22.16	0.1645	20.21	0.1050
Highest		1	23	21.26	0.1337	19.31	0.0854
Lowest	256QAM	1	1	20.26	0.1062	18.31	0.0678
Middle		1	1	20.86	0.1219	18.91	0.0779
Highest		1	23	19.76	0.0947	17.81	0.0604
Limit	ERP < 7W			Result		PASS	

NR n5 / 10MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	50	23.66	0.2323	21.71	0.1483
Lowest	QPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	50	23.66	0.2323	21.71	0.1483
Lowest	16QAM	1	1	23.46	0.2219	21.51	0.1416
Middle		1	1	23.86	0.2433	21.91	0.1553
Highest		1	50	22.76	0.1888	20.81	0.1206
Lowest	64QAM	1	1	22.56	0.1804	20.61	0.1151
Middle		1	1	22.56	0.1804	20.61	0.1151
Highest		1	50	21.86	0.1535	19.91	0.0980
Lowest	256QAM	1	1	20.86	0.1219	18.91	0.0779
Middle		1	1	20.76	0.1192	18.81	0.0761
Highest		1	50	20.46	0.1112	18.51	0.0710
Limit	ERP < 7W			Result		PASS	



NR n5 / 15MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	77	23.76	0.2377	21.81	0.1518
Lowest	QPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	77	23.66	0.2323	21.71	0.1483
Lowest	16QAM	1	1	23.86	0.2433	21.91	0.1553
Middle		1	1	23.86	0.2433	21.91	0.1553
Highest		1	77	23.16	0.2071	21.21	0.1322
Lowest	64QAM	1	1	22.56	0.1804	20.61	0.1151
Middle		1	1	22.46	0.1762	20.51	0.1125
Highest		1	77	22.16	0.1645	20.21	0.1050
Lowest	256QAM	1	1	20.76	0.1192	18.81	0.0761
Middle		1	1	20.76	0.1192	18.81	0.0761
Highest		1	77	20.46	0.1112	18.51	0.0710
Limit	ERP < 7W			Result		PASS	

NR n5 / 20MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	PI/2 BPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	104	23.66	0.2323	21.71	0.1483
Lowest	QPSK	1	1	23.96	0.2489	22.01	0.1589
Middle		1	1	23.96	0.2489	22.01	0.1589
Highest		1	104	23.66	0.2323	21.71	0.1483
Lowest	16QAM	1	1	23.66	0.2323	21.71	0.1483
Middle		1	1	23.56	0.2270	21.61	0.1449
Highest		1	104	22.76	0.1888	20.81	0.1206
Lowest	64QAM	1	1	22.56	0.1804	20.61	0.1151
Middle		1	1	22.46	0.1762	20.51	0.1125
Highest		1	104	21.86	0.1535	19.91	0.0980
Lowest	256QAM	1	1	20.76	0.1192	18.81	0.0761
Middle		1	1	20.76	0.1192	18.81	0.0761
Highest		1	104	20.46	0.1112	18.51	0.0710
Limit	ERP < 7W			Result		PASS	



NR n66 / 5MHz (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	23.95	0.2484	27.25	0.5309
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	23	23.55	0.2265	26.85	0.4842
Lowest	QPSK	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	23	23.65	0.2318	26.95	0.4955
Lowest	16QAM	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.45	0.2214	26.75	0.4732
Highest		1	23	23.35	0.2163	26.65	0.4624
Lowest	64QAM	1	1	23.65	0.2318	26.95	0.4955
Middle		1	1	23.25	0.2114	26.55	0.4519
Highest		1	23	22.85	0.1928	26.15	0.4121
Lowest	256QAM	1	1	21.95	0.1567	25.25	0.3350
Middle		1	1	21.15	0.1304	24.45	0.2787
Highest		1	23	21.25	0.1334	24.55	0.2852
Limit	EIRP < 1W			Result		PASS	

NR n66 / 10MHz (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	23.95	0.2484	27.25	0.5309
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	50	23.55	0.2265	26.85	0.4842
Lowest	QPSK	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	50	23.65	0.2318	26.95	0.4955
Lowest	16QAM	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.45	0.2214	26.75	0.4732
Highest		1	50	23.35	0.2163	26.65	0.4624
Lowest	64QAM	1	1	23.75	0.2372	27.05	0.5070
Middle		1	1	23.35	0.2163	26.65	0.4624
Highest		1	50	22.85	0.1928	26.15	0.4121
Lowest	256QAM	1	1	21.95	0.1567	25.25	0.3350
Middle		1	1	21.25	0.1334	24.55	0.2852
Highest		1	50	21.25	0.1334	24.55	0.2852
Limit	EIRP < 1W			Result		PASS	



NR n66 / 15MHz (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	23.95	0.2484	27.25	0.5309
Middle		1	1	23.65	0.2318	26.95	0.4955
Highest		1	77	23.55	0.2265	26.85	0.4842
Lowest	QPSK	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.65	0.2318	26.95	0.4955
Highest		1	77	23.65	0.2318	26.95	0.4955
Lowest	16QAM	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	77	23.45	0.2214	26.75	0.4732
Lowest	64QAM	1	1	23.75	0.2372	27.05	0.5070
Middle		1	1	23.35	0.2163	26.65	0.4624
Highest		1	77	22.85	0.1928	26.15	0.4121
Lowest	256QAM	1	1	21.65	0.1463	24.95	0.3127
Middle		1	1	21.05	0.1274	24.35	0.2723
Highest		1	77	21.35	0.1365	24.65	0.2918
Limit	EIRP < 1W			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	23.95	0.2484	27.25	0.5309
Middle		1	1	23.65	0.2318	26.95	0.4955
Highest		1	104	23.45	0.2214	26.75	0.4732
Lowest	QPSK	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.75	0.2372	27.05	0.5070
Highest		1	104	23.55	0.2265	26.85	0.4842
Lowest	16QAM	1	1	23.95	0.2484	27.25	0.5309
Middle		1	1	23.85	0.2427	27.15	0.5189
Highest		1	104	23.45	0.2214	26.75	0.4732
Lowest	64QAM	1	1	23.75	0.2372	27.05	0.5070
Middle		1	1	23.35	0.2163	26.65	0.4624
Highest		1	104	22.85	0.1928	26.15	0.4121
Lowest	256QAM	1	1	21.55	0.1429	24.85	0.3055
Middle		1	1	21.25	0.1334	24.55	0.2852
Highest		1	104	21.25	0.1334	24.55	0.2852
Limit	EIRP < 1W			Result		PASS	



<CP-OFDM>

NR n2 / 5MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.74	0.2366	27.34	0.5421
Middle		1	1	23.44	0.2209	27.04	0.5059
Highest		1	23	23.44	0.2209	27.04	0.5059
Lowest	16QAM	1	1	22.94	0.1968	26.54	0.4509
Middle		1	1	22.64	0.1837	26.24	0.4208
Highest		1	23	22.64	0.1837	26.24	0.4208
Lowest	64QAM	1	1	21.64	0.1459	25.24	0.3342
Middle		1	1	21.34	0.1362	24.94	0.3119
Highest		1	23	21.34	0.1362	24.94	0.3119
Lowest	256QAM	1	1	18.84	0.0766	22.44	0.1754
Middle		1	1	18.14	0.0652	21.74	0.1493
Highest		1	23	18.14	0.0652	21.74	0.1493
Limit	EIRP < 2W			Result		PASS	

NR n2 / 10MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.74	0.2366	27.34	0.5421
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	50	23.44	0.2209	27.04	0.5059
Lowest	16QAM	1	1	22.94	0.1968	26.54	0.4509
Middle		1	1	22.74	0.1880	26.34	0.4306
Highest		1	50	22.74	0.1880	26.34	0.4306
Lowest	64QAM	1	1	21.64	0.1459	25.24	0.3342
Middle		1	1	21.44	0.1394	25.04	0.3192
Highest		1	50	21.44	0.1394	25.04	0.3192
Lowest	256QAM	1	1	18.84	0.0766	22.44	0.1754
Middle		1	1	18.24	0.0667	21.84	0.1528
Highest		1	50	18.24	0.0667	21.84	0.1528
Limit	EIRP < 2W			Result		PASS	



NR n2 / 15MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.74	0.2366	27.34	0.5421
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	77	23.44	0.2209	27.04	0.5059
Lowest	16QAM	1	1	22.94	0.1968	26.54	0.4509
Middle		1	1	22.74	0.1880	26.34	0.4306
Highest		1	77	22.74	0.1880	26.34	0.4306
Lowest	64QAM	1	1	21.64	0.1459	25.24	0.3342
Middle		1	1	21.44	0.1394	25.04	0.3192
Highest		1	77	21.24	0.1331	24.84	0.3048
Lowest	256QAM	1	1	18.94	0.0784	22.54	0.1795
Middle		1	1	18.24	0.0667	21.84	0.1528
Highest		1	77	18.24	0.0667	21.84	0.1528
Limit	EIRP < 2W			Result		PASS	

NR n2 / 20MHz (Average) (GT - LC = 3.6 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.74	0.2366	27.34	0.5421
Middle		1	1	23.54	0.2260	27.14	0.5177
Highest		1	104	23.44	0.2209	27.04	0.5059
Lowest	16QAM	1	1	22.94	0.1968	26.54	0.4509
Middle		1	1	22.74	0.1880	26.34	0.4306
Highest		1	104	22.74	0.1880	26.34	0.4306
Lowest	64QAM	1	1	21.64	0.1459	25.24	0.3342
Middle		1	1	21.44	0.1394	25.04	0.3192
Highest		1	104	21.34	0.1362	24.94	0.3119
Lowest	256QAM	1	1	18.94	0.0784	22.54	0.1795
Middle		1	1	18.24	0.0667	21.84	0.1528
Highest		1	104	18.34	0.0683	21.94	0.1564
Limit	EIRP < 2W			Result		PASS	



NR n5 / 5MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.96	0.1977	21.01	0.1262
Middle		1	1	23.46	0.2219	21.51	0.1416
Highest		1	23	22.46	0.1762	20.51	0.1125
Lowest	16QAM	1	1	22.26	0.1683	20.31	0.1074
Middle		1	1	23.06	0.2024	21.11	0.1292
Highest		1	23	22.06	0.1607	20.11	0.1026
Lowest	64QAM	1	1	20.96	0.1248	19.01	0.0797
Middle		1	1	21.36	0.1368	19.41	0.0873
Highest		1	23	20.66	0.1165	18.71	0.0744
Lowest	256QAM	1	1	18.26	0.0670	16.31	0.0428
Middle		1	1	19.06	0.0806	17.11	0.0515
Highest		1	23	17.86	0.0611	15.91	0.0390
Limit	ERP < 7W			Result		PASS	

NR n5 / 10MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.76	0.1888	20.81	0.1206
Middle		1	1	23.16	0.2071	21.21	0.1322
Highest		1	50	22.16	0.1645	20.21	0.1050
Lowest	16QAM	1	1	22.36	0.1722	20.41	0.1100
Middle		1	1	22.76	0.1888	20.81	0.1206
Highest		1	50	21.86	0.1535	19.91	0.0980
Lowest	64QAM	1	1	21.16	0.1307	19.21	0.0834
Middle		1	1	21.56	0.1433	19.61	0.0915
Highest		1	50	20.86	0.1219	18.91	0.0779
Lowest	256QAM	1	1	19.16	0.0825	17.21	0.0527
Middle		1	1	19.06	0.0806	17.11	0.0515
Highest		1	50	18.56	0.0718	16.61	0.0459
Limit	ERP < 7W			Result		PASS	



NR n5 / 15MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	23.16	0.2071	21.21	0.1322
Middle		1	1	23.16	0.2071	21.21	0.1322
Highest		1	77	22.56	0.1804	20.61	0.1151
Lowest	16QAM	1	1	22.76	0.1888	20.81	0.1206
Middle		1	1	22.76	0.1888	20.81	0.1206
Highest		1	77	22.16	0.1645	20.21	0.1050
Lowest	64QAM	1	1	21.56	0.1433	19.61	0.0915
Middle		1	1	21.56	0.1433	19.61	0.0915
Highest		1	77	21.16	0.1307	19.21	0.0834
Lowest	256QAM	1	1	19.16	0.0825	17.21	0.0527
Middle		1	1	19.06	0.0806	17.11	0.0515
Highest		1	77	18.56	0.0718	16.61	0.0459
Limit	ERP < 7W			Result		PASS	

NR n5 / 20MHz (Average) (GT - LC = 0.2 dB)							
Channel	Mode	RB		Conducted		ERP	
		Size	Offset	Power (dBm)	Power (Watts)	ERP(dBm)	ERP(W)
Lowest	QPSK	1	1	22.96	0.1977	21.01	0.1262
Middle		1	1	22.86	0.1932	20.91	0.1234
Highest		1	104	22.16	0.1645	20.21	0.1050
Lowest	16QAM	1	1	22.56	0.1804	20.61	0.1151
Middle		1	1	22.46	0.1762	20.51	0.1125
Highest		1	104	21.76	0.1500	19.81	0.0958
Lowest	64QAM	1	1	21.26	0.1337	19.31	0.0854
Middle		1	1	21.26	0.1337	19.31	0.0854
Highest		1	104	20.86	0.1219	18.91	0.0779
Lowest	256QAM	1	1	19.06	0.0806	17.11	0.0515
Middle		1	1	19.06	0.0806	17.11	0.0515
Highest		1	104	18.56	0.0718	16.61	0.0459
Limit	ERP < 7W			Result		PASS	





NR n66 / 5MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.65	0.2318	26.95	0.4955
Middle		1	1	23.85	0.2427	27.15	0.5189
Highest		1	23	23.65	0.2318	26.95	0.4955
Lowest	16QAM	1	1	23.55	0.2265	26.85	0.4842
Middle		1	1	23.65	0.2318	26.95	0.4955
Highest		1	23	23.85	0.2427	27.15	0.5189
Lowest	64QAM	1	1	22.95	0.1973	26.25	0.4217
Middle		1	1	22.55	0.1799	25.85	0.3846
Highest		1	23	22.25	0.1679	25.55	0.3590
Lowest	256QAM	1	1	19.85	0.0967	23.15	0.2066
Middle		1	1	19.55	0.0902	22.85	0.1928
Highest		1	23	19.45	0.0882	22.75	0.1884
Limit	EIRP < 1W			Result		PASS	

NR n66 / 10MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.75	0.2372	27.05	0.5070
Middle		1	1	23.95	0.2484	27.25	0.5309
Highest		1	50	23.75	0.2372	27.05	0.5070
Lowest	16QAM	1	1	23.55	0.2265	26.85	0.4842
Middle		1	1	23.35	0.2163	26.65	0.4624
Highest		1	50	23.85	0.2427	27.15	0.5189
Lowest	64QAM	1	1	22.95	0.1973	26.25	0.4217
Middle		1	1	22.65	0.1841	25.95	0.3936
Highest		1	50	22.15	0.1641	25.45	0.3508
Lowest	256QAM	1	1	19.85	0.0967	23.15	0.2066
Middle		1	1	19.55	0.0902	22.85	0.1928
Highest		1	50	19.45	0.0882	22.75	0.1884
Limit	EIRP < 1W			Result		PASS	



NR n66 / 15MHz (Average) (GT - LC = 3.3 dB)							
Channel	Mode	RB		Conducted		EIRP	
		Size	Offset	Power (dBm)	Power (Watts)	EIRP(dBm)	EIRP(W)
Lowest	QPSK	1	1	23.65	0.2318	26.95	0.4955
Middle		1	1	23.95	0.2484	27.25	0.5309
Highest		1	77	23.75	0.2372	27.05	0.5070
Lowest	16QAM	1	1	23.55	0.2265	26.85	0.4842
Middle		1	1	23.55	0.2265	26.85	0.4842
Highest		1	77	23.85	0.2427	27.15	0.5189
Lowest	64QAM	1	1	22.95	0.1973	26.25	0.4217
Middle		1	1	22.55	0.1799	25.85	0.3846
Highest		1	77	22.15	0.1641	25.45	0.3508
Lowest	256QAM	1	1	19.75	0.0945	23.05	0.2019
Middle		1	1	19.45	0.0882	22.75	0.1884
Highest		1	77	19.45	0.0882	22.75	0.1884
Limit	EIRP < 1W			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	QPSK	1	1	23.65	0.2318	26.95	0.4955
Middle		1	1	23.95	0.2484	27.25	0.5309
Highest		1	104	22.75	0.1884	26.05	0.4028
Lowest	16QAM	1	1	23.55	0.2265	26.85	0.4842
Middle		1	1	23.65	0.2318	26.95	0.4955
Highest		1	104	22.85	0.1928	26.15	0.4121
Lowest	64QAM	1	1	22.95	0.1973	26.25	0.4217
Middle		1	1	22.25	0.1679	25.55	0.3590
Highest		1	104	22.15	0.1641	25.45	0.3508
Lowest	256QAM	1	1	19.85	0.0967	23.15	0.2066
Middle		1	1	19.45	0.0882	22.75	0.1884
Highest		1	104	19.35	0.0861	22.65	0.1841
Limit	EIRP < 1W			Result		PASS	



**Radiated Spurious Emission**

<Ant. 0+8>

**EN-DC 66A-n2A**

EN-DC 66A-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)
Lowest	3702	-44.05	-13	-31.05	-72.04	-55.26	1.41	12.62	H
	5556	-39.55	-13	-26.55	-72.47	-51.11	1.74	13.30	H
	7404	-35.15	-13	-22.15	-72.26	-44.47	1.94	11.25	H
									H
									H
	3702	-44.06	-13	-31.06	-72.2	-55.27	1.41	12.62	V
	5556	-40.02	-13	-27.02	-72.48	-51.58	1.74	13.30	V
	7404	-35.34	-13	-22.34	-72.3	-44.66	1.94	11.25	V
									V
									V
Middle	3744	-44.14	-13	-31.14	-72.27	-55.36	1.42	12.65	H
	5616	-39.52	-13	-26.52	-72.36	-51.08	1.74	13.30	H
	7488	-35.59	-13	-22.59	-72.29	-44.73	1.98	11.12	H
									H
									H
	3744	-43.76	-13	-30.76	-72.09	-54.98	1.42	12.65	V
	5616	-39.58	-13	-26.58	-72.08	-51.14	1.74	13.30	V
	7488	-35.79	-13	-22.79	-72.45	-44.93	1.98	11.12	V
									V
									V



EN-DC 66A-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)
Highest	3780	-43.25	-13	-30.25	-71.5	-54.49	1.43	12.67	H
	5676	-39.44	-13	-26.44	-72.55	-51.01	1.73	13.30	H
	7566	-36.04	-13	-23.04	-72.32	-45.15	2.00	11.11	H
									H
									H
	3780	-43.35	-13	-30.35	-71.85	-54.59	1.43	12.67	V
	5676	-39.31	-13	-26.31	-71.92	-50.88	1.73	13.30	V
	7566	-36.11	-13	-23.11	-72.34	-45.22	2.00	11.11	V
									V
									V

Remark:

1. Spurious emissions within 30-1000MHz were found more than 20dB below limit line.
2. The EN-DC, 13A-n2A, 5A-n2A, 66A-n2A, use same antenna configurations, and the middle channels are pre-scanned and the worst configuration, 66A-n2, is tested by low, middle, high channels.



**EN-DC 13A-n2A**

EN-DC 13A-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	-20.38	-13	-7.38	-57.95	-31.60	1.42	12.65	H
	5614	-29.50	-13	-16.50	-72.23	-41.06	1.74	13.30	H
	7484	-45.14	-13	-32.14	-72.23	-54.28	1.98	11.13	H
									H
									H
									H
									H
	3742	-19.88	-13	-6.88	-57.65	-31.10	1.42	12.65	V
	5614	-29.39	-13	-16.39	-71.79	-40.95	1.74	13.30	V
	7484	-44.91	-13	-31.91	-71.95	-54.05	1.98	11.13	V
									V
									V
									V
									V

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



**EN-DC 5A-n2A**

EN-DC 5A-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	-21.82	-13	-8.82	-59.39	-33.04	1.42	12.65	H
	5614	-29.66	-13	-16.66	-72.39	-41.22	1.74	13.30	H
	7484	-44.84	-13	-31.84	-71.93	-53.98	1.98	11.13	H
									H
									H
									H
									H
	3742	-25.26	-13	-12.26	-63.03	-36.48	1.42	12.65	V
	5614	-30.01	-13	-17.01	-72.41	-41.57	1.74	13.30	V
	7484	-45.41	-13	-32.41	-72.45	-54.55	1.98	11.13	V
									V
									V
									V
									V

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



**EN-DC 5A-n66A**

EN-DC 5A-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	3423	-47.38	-13	-34.38	-63.48	-58.35	1.35	12.32	H
	5134	-50.78	-13	-37.78	-72.29	-61.92	1.64	12.79	H
	6845	-47.12	-13	-34.12	-72.66	-57.50	1.74	12.12	H
									H
									H
									H
									H
	3423	-45.30	-13	-32.30	-61.82	-56.27	1.35	12.32	V
	5134	-50.88	-13	-37.88	-72.14	-62.02	1.64	12.79	V
	6845	-47.27	-13	-34.27	-72.41	-57.65	1.74	12.12	V
									V
									V
									V
									V
Middle	3473	-47.50	-13	-34.50	-64.08	-58.58	1.36	12.44	H
	5209	-50.40	-13	-37.40	-72	-61.63	1.66	12.89	H
	6945	-46.35	-13	-33.35	-72.42	-56.60	1.73	11.98	H
									H
									H
									H
									H
	3473	-45.94	-13	-32.94	-62.9	-57.02	1.36	12.44	V
	5209	-50.57	-13	-37.57	-72	-61.80	1.66	12.89	V
	6945	-46.46	-13	-33.46	-72.07	-56.71	1.73	11.98	V
									V
									V
									V
									V



EN-DC 5A-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)
Highest	3523	-48.69	-13	-35.69	-65.71	-59.84	1.37	12.51	H
	5284	-50.68	-13	-37.68	-72.58	-61.99	1.68	13.00	H
	7045	-46.24	-13	-33.24	-72.76	-56.32	1.74	11.83	H
									H
									H
									H
									H
	3523	-49.43	-13	-36.43	-66.73	-60.58	1.37	12.51	V
	5284	-50.84	-13	-37.84	-72.47	-62.15	1.68	13.00	V
	7045	-46.47	-13	-33.47	-72.54	-56.55	1.74	11.83	V
									V
									V
									V
									V

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





**EN-DC 13A-n66A**

EN-DC 13A-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	3473	-47.19	-13	-34.19	-63.77	-58.27	1.36	12.44	H
	5209	-49.29	-13	-36.29	-70.89	-60.52	1.66	12.89	H
	6945	-46.47	-13	-33.47	-72.54	-56.72	1.73	11.98	H
									H
									H
									H
									H
	3473	-46.06	-13	-33.06	-63.02	-57.14	1.36	12.44	V
	5209	-46.22	-13	-33.22	-67.65	-57.45	1.66	12.89	V
	6945	-46.97	-13	-33.97	-72.58	-57.22	1.73	11.98	V
									V
									V
									V
									V

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



<Ant. 4+0>

**EN-DC 48A-n5A**

EN-DC 48A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1648	-60.39	-13	-47.39	-70.06	-65.98	0.92	8.66	H
	2472	-56.78	-13	-43.78	-70.63	-64.15	1.14	10.66	H
	3304	-55.39	-13	-42.39	-70.79	-63.94	1.32	12.03	H
									H
									H
									H
	1648	-61.38	-13	-48.38	-70.52	-66.97	0.92	8.66	V
	2472	-56.83	-13	-43.83	-70.83	-64.20	1.14	10.66	V
	3304	-55.13	-13	-42.13	-71	-63.68	1.32	12.03	V
									V
									V
									V
Middle	1656	-61.43	-13	-48.43	-71.12	-67.05	0.92	8.69	H
	2480	-57.18	-13	-44.18	-71.04	-64.56	1.15	10.67	H
	3312	-55.71	-13	-42.71	-71.1	-64.28	1.33	12.05	H
									H
									H
									H
	1656	-61.79	-13	-48.79	-70.91	-67.41	0.92	8.69	V
	2480	-57.22	-13	-44.22	-71.25	-64.60	1.15	10.67	V
	3312	-53.95	-13	-40.95	-69.8	-62.52	1.33	12.05	V
									V
									V
									V



EN-DC 48A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1656	-60.71	-13	-47.71	-70.4	-66.33	0.92	8.69	H
	2488	-56.39	-13	-43.39	-70.26	-63.78	1.15	10.68	H
	3320	-55.36	-13	-42.36	-70.72	-63.95	1.33	12.07	H
									H
									H
									H
									H
	1656	-61.42	-13	-48.42	-70.54	-67.04	0.92	8.69	V
	2488	-56.82	-13	-43.82	-70.88	-64.21	1.15	10.68	V
	3320	-54.98	-13	-41.98	-70.8	-63.57	1.33	12.07	V
									V
									V
									V
									V

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



**EN-DC 48A-n66A**

EN-DC 48A-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	3441	-42.55	-13	-29.55	-58.83	-53.56	1.35	12.36	H
	5163	-50.78	-13	-37.78	-72.33	-61.96	1.65	12.83	H
	6885	-46.90	-13	-33.90	-72.64	-57.22	1.74	12.06	H
									H
									H
									H
	3441	-48.12	-13	-35.12	-64.8	-59.13	1.35	12.36	V
	5163	-50.74	-13	-37.74	-72.07	-61.92	1.65	12.83	V
	6885	-47.09	-13	-34.09	-72.41	-57.41	1.74	12.06	V
									V
									V
									V
Middle	3476	-52.24	-13	-39.24	-68.85	-63.33	1.36	12.44	H
	5212	-50.28	-13	-37.28	-71.89	-61.51	1.67	12.90	H
	6948	-46.04	-13	-33.04	-72.13	-56.29	1.73	11.97	H
									H
									H
									H
	3476	-54.36	-13	-41.36	-71.34	-65.45	1.36	12.44	V
	5212	-50.81	-13	-37.81	-72.24	-62.04	1.67	12.90	V
	6948	-46.71	-13	-33.71	-72.34	-56.96	1.73	11.97	V
									V
									V
									V



EN-DC 48A-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)
Highest	3504	-44.47	-13	-31.47	-61.33	-55.61	1.36	12.50	H
	5254	-50.00	-13	-37.00	-71.78	-61.28	1.68	12.96	H
	7004	-45.36	-13	-32.36	-71.74	-55.53	1.72	11.89	H
									H
									H
									H
									H
	3504	-47.67	-13	-34.67	-64.88	-58.81	1.36	12.50	V
	5254	-50.16	-13	-37.16	-71.71	-61.44	1.68	12.96	V
	7004	-45.90	-13	-32.90	-71.79	-56.07	1.72	11.89	V
									V
									V
									V
									V

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



<Ant. 8+0>

**EN-DC 2A-n5A**

EN-DC 2A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1648	-41.01	-13	-28.01	-70.68	-46.60	0.92	8.66	H
	2472	-37.01	-13	-24.01	-70.92	-44.38	1.14	10.66	H
	3304	-36.10	-13	-23.10	-71.53	-44.65	1.32	12.03	H
									H
									H
									H
	1648	-41.84	-13	-28.84	-70.98	-47.43	0.92	8.66	V
	2472	-36.96	-13	-23.96	-71.02	-44.33	1.14	10.66	V
	3304	-35.36	-13	-22.36	-71.26	-43.91	1.32	12.03	V
									V
									V
									V
Middle	1656	-41.57	-13	-28.57	-71.27	-47.19	0.92	8.69	H
	2480	-37.09	-13	-24.09	-71.01	-44.47	1.15	10.67	H
	3312	-35.88	-13	-22.88	-71.3	-44.45	1.33	12.05	H
									H
									H
									H
	1656	-41.88	-13	-28.88	-71.01	-47.50	0.92	8.69	V
	2480	-37.43	-13	-24.43	-71.52	-44.81	1.15	10.67	V
	3312	-35.31	-13	-22.31	-71.19	-43.88	1.33	12.05	V
									V
									V
									V



EN-DC 2A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1664	-41.40	-13	-28.40	-71.1	-47.05	0.93	8.72	H
	2488	-37.03	-13	-24.03	-70.96	-44.42	1.15	10.68	H
	3320	-35.57	-13	-22.57	-70.96	-44.16	1.33	12.07	H
									H
									H
									H
									H
	1664	-41.94	-13	-28.94	-71.05	-47.59	0.93	8.72	V
	2488	-36.88	-13	-23.88	-71	-44.27	1.15	10.68	V
	3320	-35.16	-13	-22.16	-71.01	-43.75	1.33	12.07	V
									V
									V
									V
									V

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



**EN-DC 66A-n5A**

EN-DC 66A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1648	-41.26	-13	-28.26	-70.93	-46.85	0.92	8.66	H
	2472	-36.78	-13	-23.78	-70.69	-44.15	1.14	10.66	H
	3304	-35.98	-13	-22.98	-71.41	-44.53	1.32	12.03	H
									H
									H
									H
									H
	1648	-41.89	-13	-28.89	-71.03	-47.48	0.92	8.66	V
	2472	-36.70	-13	-23.70	-70.76	-44.07	1.14	10.66	V
	3304	-35.38	-13	-22.38	-71.28	-43.93	1.32	12.03	V
									V
									V
									V
									V
Middle	1656	-41.54	-13	-28.54	-71.24	-47.16	0.92	8.69	H
	2480	-37.48	-13	-24.48	-71.4	-44.86	1.15	10.67	H
	3312	-36.24	-13	-23.24	-71.66	-44.81	1.33	12.05	H
									H
									H
									H
									H
	1656	-41.92	-13	-28.92	-71.05	-47.54	0.92	8.69	V
	2480	-37.23	-13	-24.23	-71.32	-44.61	1.15	10.67	V
	3312	-35.49	-13	-22.49	-71.37	-44.06	1.33	12.05	V
									V
									V
									V
									V





EN-DC 66A-n5A / 20MHz / PI/2 BPSK									
Channel	Frequency ( MHz )	ERP ( 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	1656	-41.30	-13	-28.30	-71	-46.92	0.92	8.69	H
	2488	-37.22	-13	-24.22	-71.15	-44.61	1.15	10.68	H
	3320	-35.71	-13	-22.71	-71.1	-44.30	1.33	12.07	H
									H
									H
									H
									H
	1656	-42.27	-13	-29.27	-71.4	-47.89	0.92	8.69	V
	2488	-36.79	-13	-23.79	-70.91	-44.18	1.15	10.68	V
	3320	-35.26	-13	-22.26	-71.11	-43.85	1.33	12.07	V
									V
									V
									V
									V

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



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	3423	-54.94	-13	-41.94	-71.04	-65.91	1.35	12.32	H
	5134	-50.89	-13	-37.89	-72.4	-62.03	1.64	12.79	H
	6845	-47.35	-13	-34.35	-72.89	-57.73	1.74	12.12	H
									H
									H
									H
	3423	-53.22	-13	-40.22	-69.74	-64.19	1.35	12.32	V
	5134	-51.01	-13	-38.01	-72.27	-62.15	1.64	12.79	V
	6845	-47.34	-13	-34.34	-72.48	-57.72	1.74	12.12	V
									V
									V
									V
Middle	3473	-54.72	-13	-41.72	-71.3	-65.80	1.36	12.44	H
	5209	-50.46	-13	-37.46	-72.06	-61.69	1.66	12.89	H
	6945	-46.71	-13	-33.71	-72.78	-56.96	1.73	11.98	H
									H
									H
									H
	3473	-54.54	-13	-41.54	-71.5	-65.62	1.36	12.44	V
	5209	-50.87	-13	-37.87	-72.3	-62.10	1.66	12.89	V
	6945	-47.11	-13	-34.11	-72.72	-57.36	1.73	11.98	V
									V
									V
									V



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)
Highest	3523	-52.33	-13	-39.33	-69.35	-63.48	1.37	12.51	H
	5284	-50.60	-13	-37.60	-72.5	-61.91	1.68	13.00	H
	7045	-46.12	-13	-33.12	-72.64	-56.20	1.74	11.83	H
									H
									H
									H
									H
	3523	-51.94	-13	-38.94	-69.24	-63.09	1.37	12.51	V
	5284	-51.07	-13	-38.07	-72.7	-62.38	1.68	13.00	V
	7045	-46.39	-13	-33.39	-72.46	-56.47	1.74	11.83	V
									V
									V
									V
									V

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