

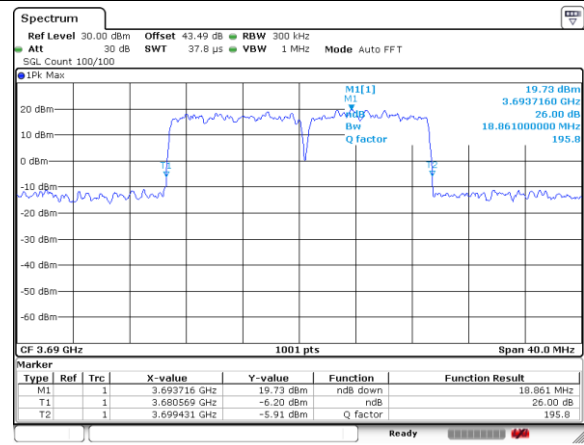
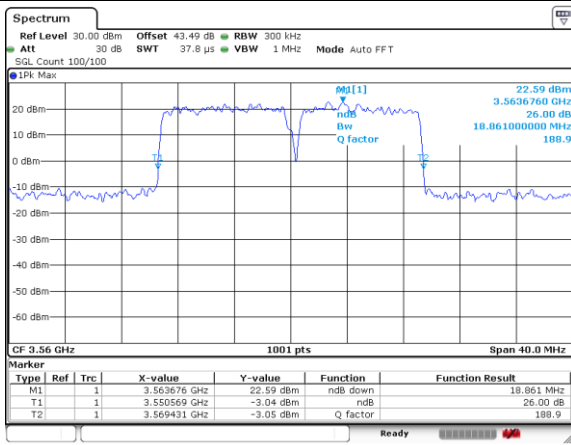


<Multi Carrier (Non-Contiguous)>

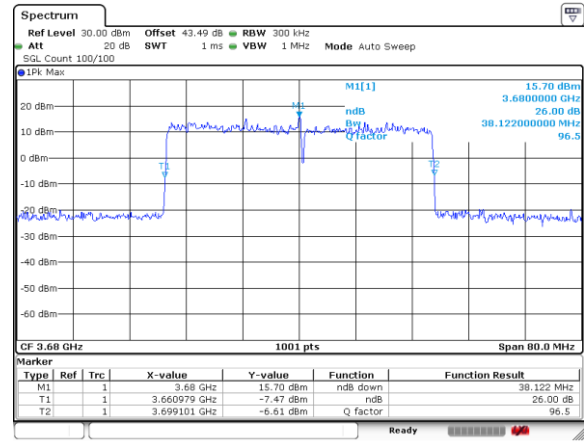
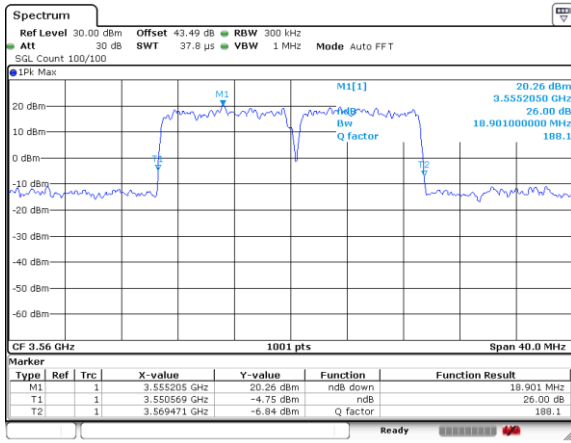
**26dB Bandwidth**

Mode	26dB BW(MHz)			
Frequency	3560MHz + 3690MHz	3560 MHz+3680 MHz	3570 MHz+3690 MHz	3570 MHz +3680MHz
BW	20MHz+20MHz	20MHz+40MHz	40MHz+20MHz	40MHz+40MHz
(Low Channel) + (High Channel)	37.72	57.02	56.98	76.40

**20MHz (Low Channel) +20MHz (High Channel)**

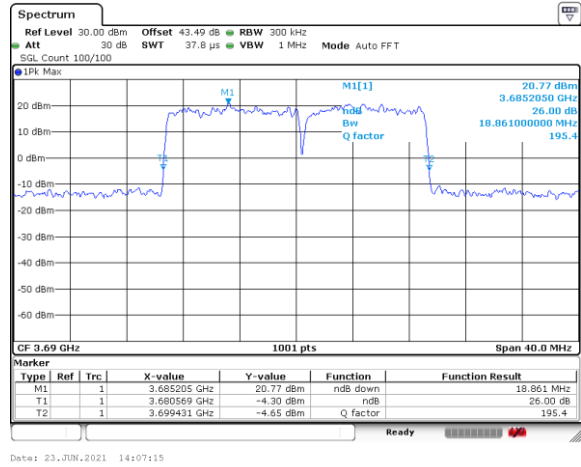
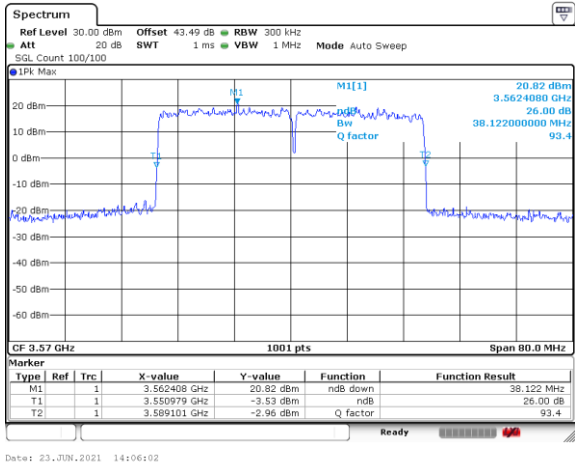


**20MHz (Low Channel) +40MHz (High Channel)**

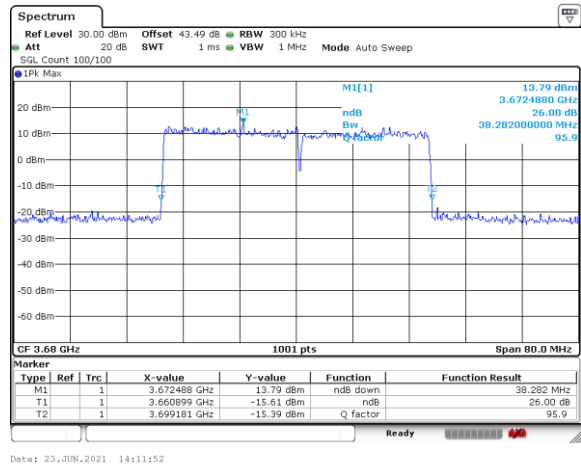
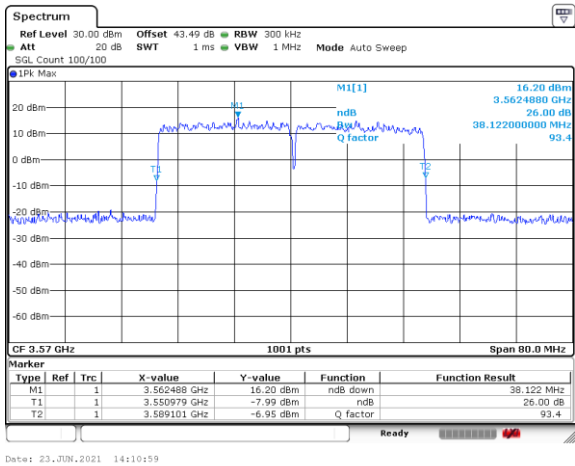




40MHz (Low Channel) +20MHz (High Channel)



40MHz (Low Channel) +40MHz (High Channel)

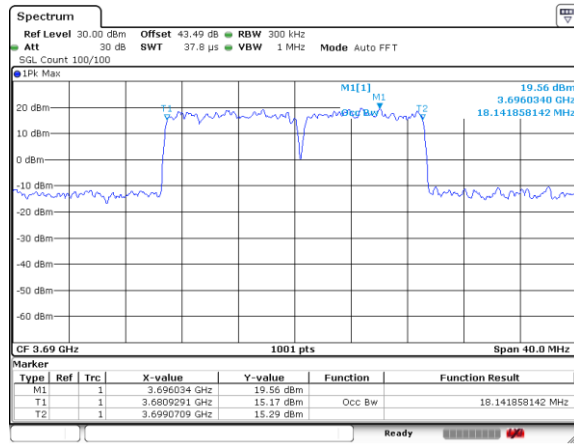
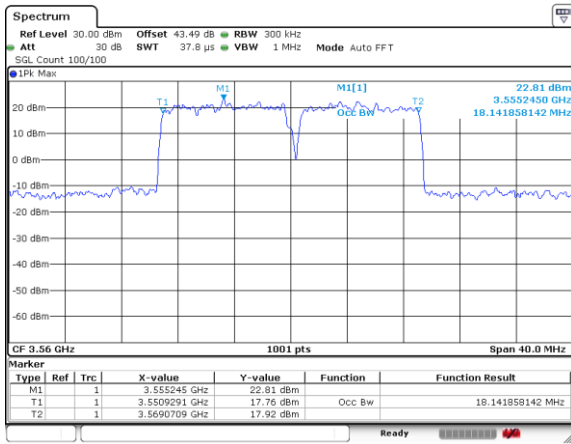




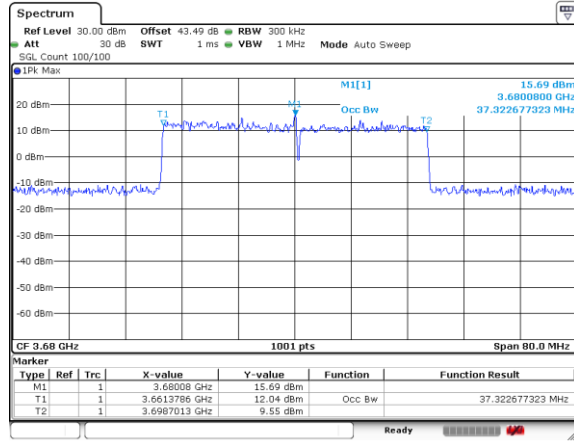
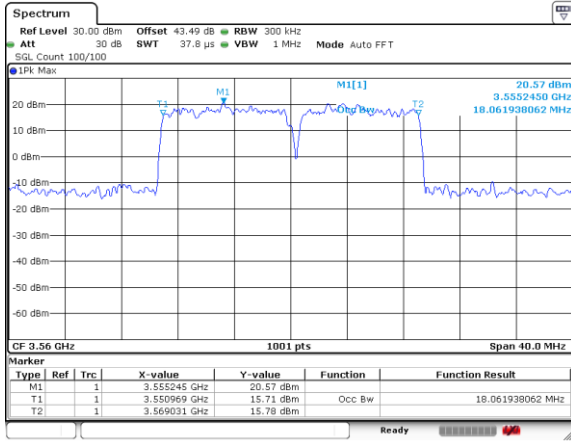
# Occupied Bandwidth

Mode	99%OBW(MHz)			
Frequency	3560MHz + 3690MHz	3560 MHz+3680 MHz	3570 MHz+3690 MHz	3570 MH + 3680 MHz
BW	20MHz+20MHz	20MHz+40MHz	40MHz+20MHz	40MHz+40MHz
(Low Channel) + (High Channel)	36.28	55.38	55.18	74.64

## 20MHz (Low Channel) +20MHz (High Channel)

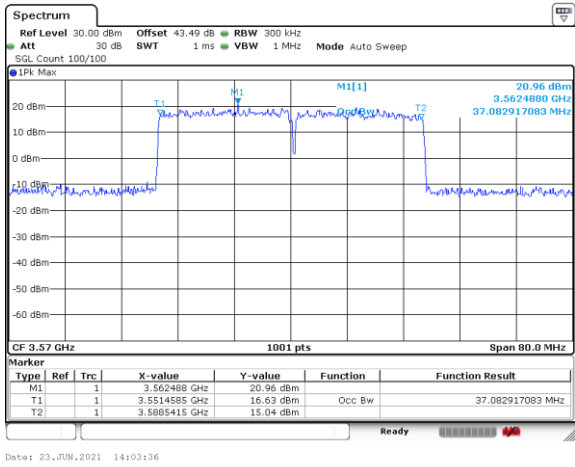


## 20MHz (Low Channel) +40MHz (High Channel)

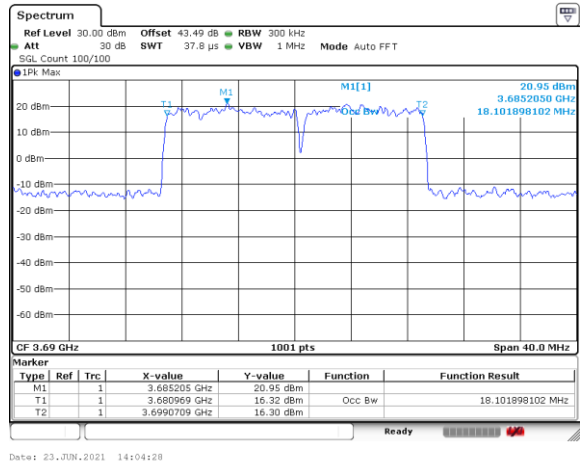




40MHz (Low Channel) +20MHz (High Channel)

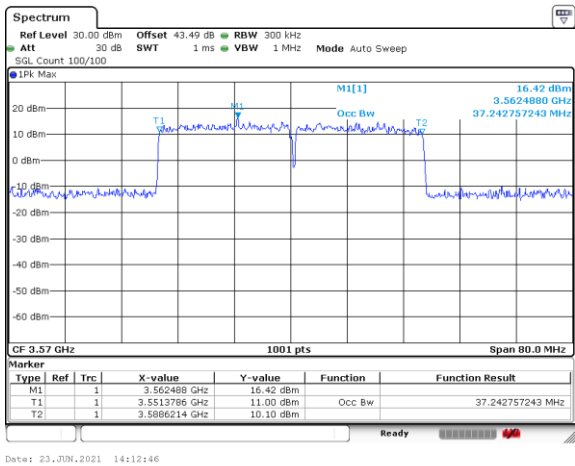


Date: 23 JUN 2021 14:03:36

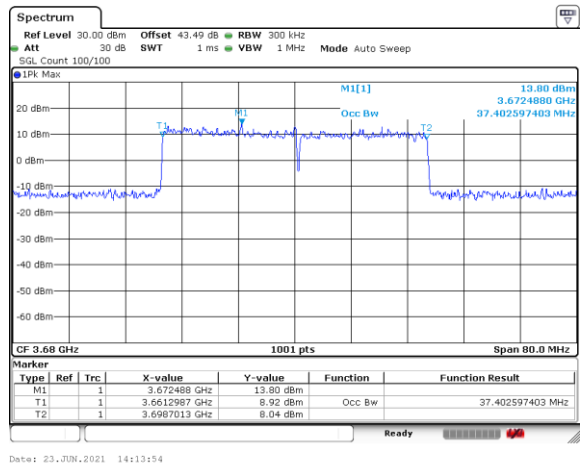


Date: 23 JUN 2021 14:04:28

40MHz (Low Channel) +40MHz (High Channel)



Date: 23 JUN 2021 14:12:46



Date: 23 JUN 2021 14:13:54



### EIRP Power (dBm/10MHz)

EIRP Power (dBm/10MHz)						
Mode	Frequency (MHz)	DG (dBi)	MIMO Factor	Single port conducted power (dBm/10MHz)	EIRP (dBm/10MHz)	Limit
20MHz (Low) +20MHz (High)	3560 + 3690	14.25	12.04	16.03	42.32	< 47 dBm
20MHz (Low) +40MHz (High)	3560 + 3680	14.25	12.04	13.69	39.98	
40MHz (Low) +20MHz (High)	3570 + 3690	14.25	12.04	14.88	41.17	
40MHz (Low) +40MHz (High)	3570 + 3680	14.25	12.04	8.75	35.04	

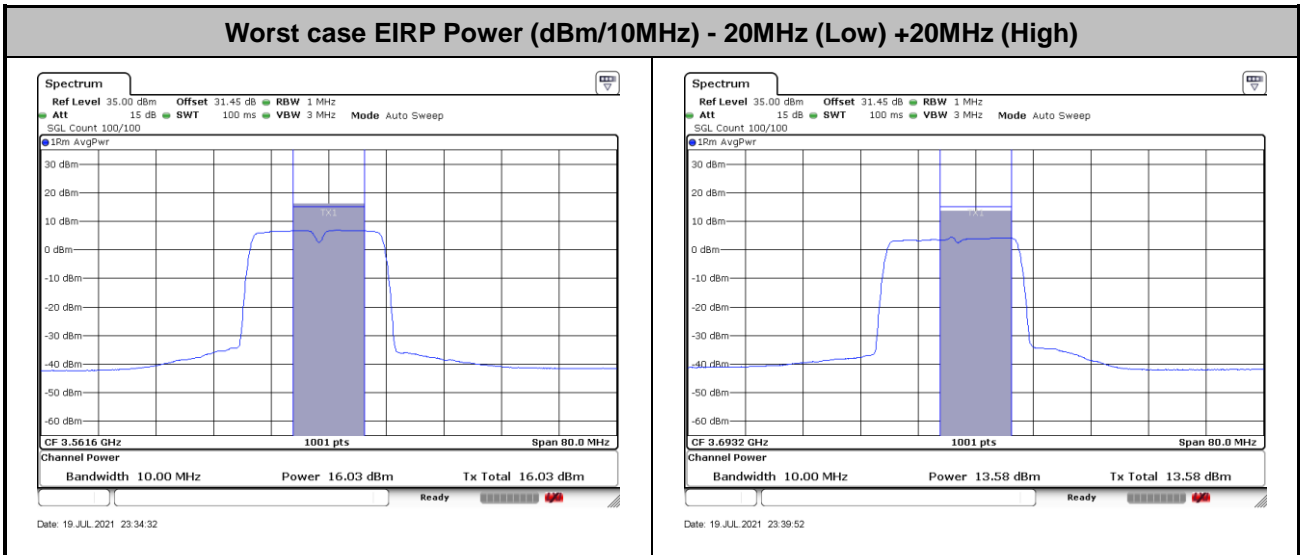
Note :

Antenna Gain = 13dBi

Directional Gain (8H/8V) = 13dBi + 10log(Ntx = 8 / Nss = 6) = 14.25dBi

MIMO Factor: 10\*log10(16) = 12.04 dB

### Worst case EIRP Power (dBm/10MHz) - 20MHz (Low) +20MHz (High)





# EIRP Power Density

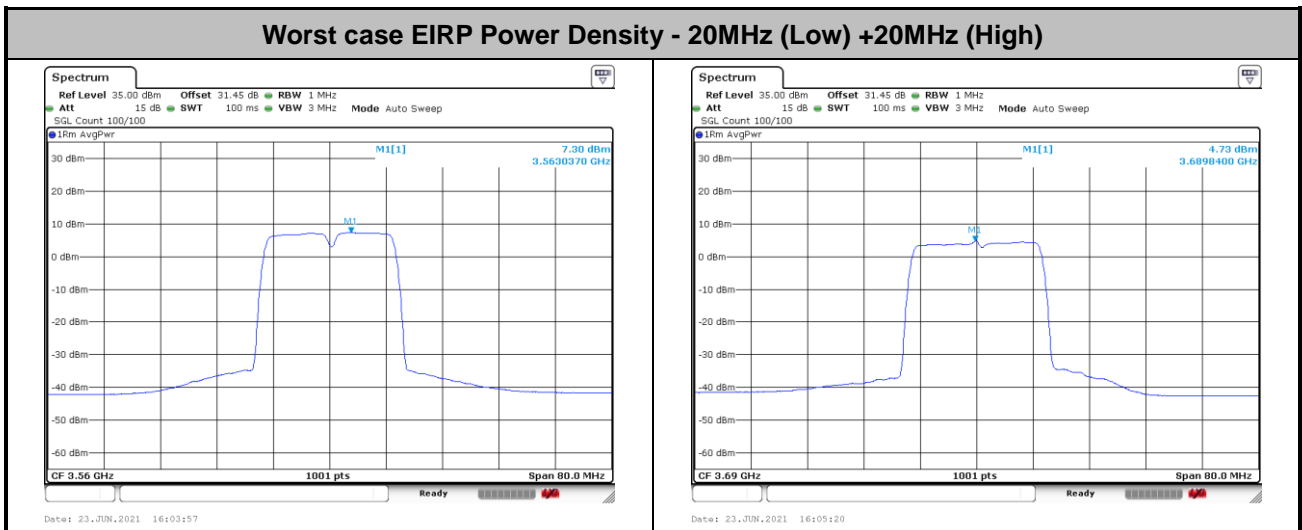
EIRP PSD (dBm/MHz)						
Mode	Frequency (MHz)	DG (dBi)	MIMO Factor	Single port conducted power (dBm/MHz)	EIRP (dBm/10MHz)	Limit
20MHz (Low) +20MHz (High)	3560 + 3690	14.25	12.04	7.3	33.59	< 37 dBm
20MHz (Low) +40MHz (High)	3560 + 3680	14.25	12.04	4.56	30.85	
40MHz (Low) +20MHz (High)	3570 + 3690	14.25	12.04	5.4	31.69	
40MHz (Low) +40MHz (High)	3570 + 3680	14.25	12.04	2.38	28.67	

Note :

Antenna Gain = 13dBi

Directional Gain (8H/8V) = 13dBi + 10log(Ntx = 8 / Nss = 6) = 14.25dBi

MIMO Factor: 10\*log10(16) = 12.04 dB





**Total EIRP Power (dBm) for certificate**

Total EIRP Power (dBm) for certificate					
Mode	Frequency (MHz)	DG (dBi)	MIMO Factor	Single port conducted power (dBm)	Total EIRP (dBm)
20MHz (Low) +20MHz (High)	3560 + 3690	14.25	12.04	21.34	47.63
20MHz (Low) +40MHz (High)	3560 + 3680	14.25	12.04	18.55	44.84
40MHz (Low) +20MHz (High)	3570 + 3690	14.25	12.04	21.35	47.64
40MHz (Low) +40MHz (High)	3570 + 3680	14.25	12.04	19.55	45.84

Note :

Antenna Gain = 13dBi

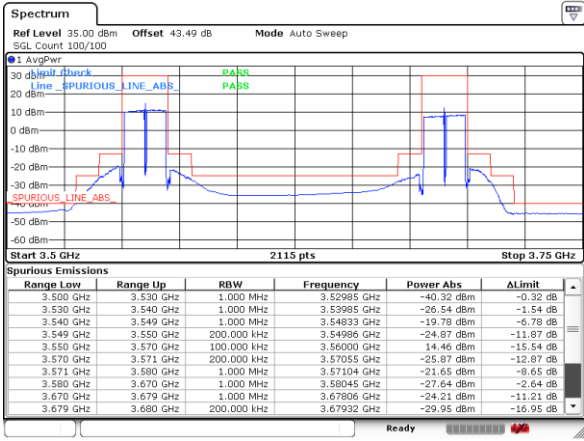
Directional Gain (8H/8V) = 13dBi + 10log(Ntx = 8 / Nss = 6) = 14.25dBi

MIMO Factor: 10\*log10(16) = 12.04 dB

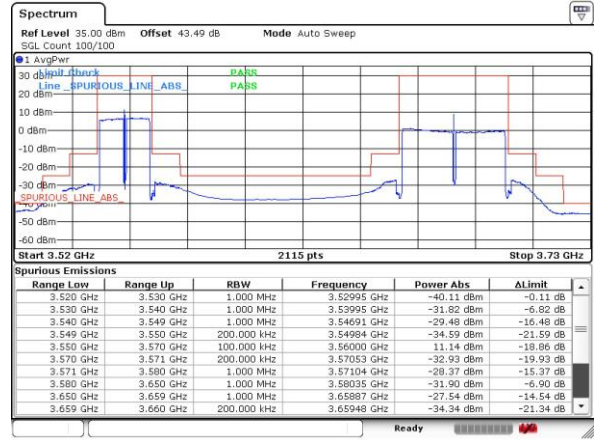


# Conducted Band Edge

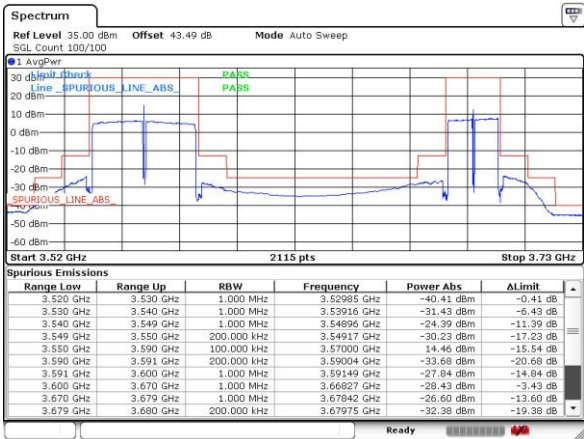
## 20MHz (Low Channel) +20MHz (High Channel)



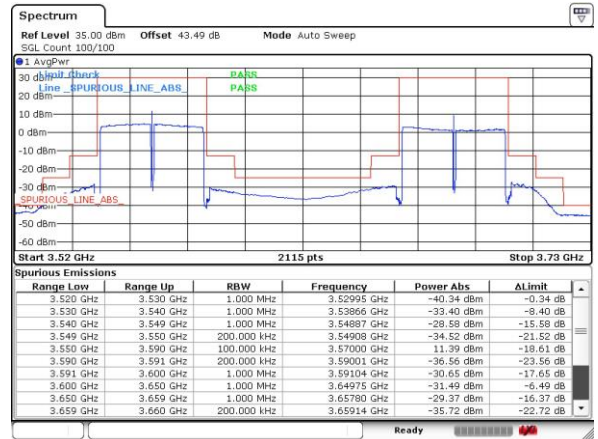
## 20MHz (Low Channel) +40MHz (High Channel)



## 40MHz (Low Channel) +20MHz (High Channel)



## 40MHz (Low Channel) +40MHz (High Channel)

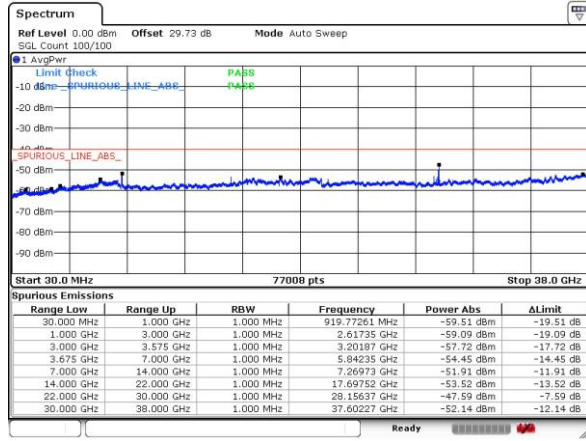






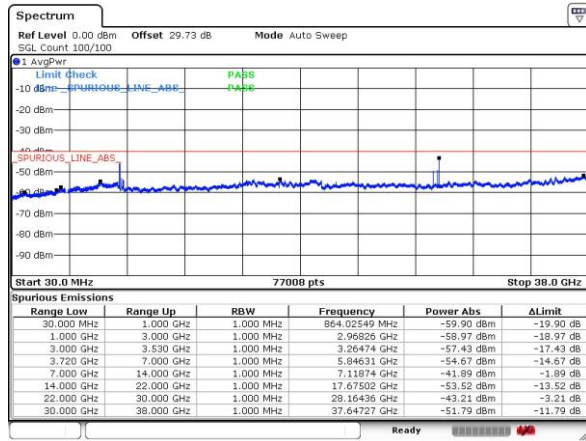
# Conducted Spurious Emission

## 20MHz (Low Channel) +20MHz (High Channel)



Date: 22 JUN 2021 15:07:58

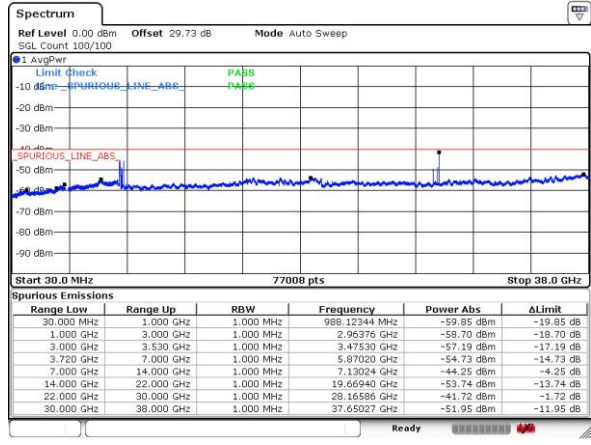
## 20MHz (Low Channel) +40MHz (High Channel)



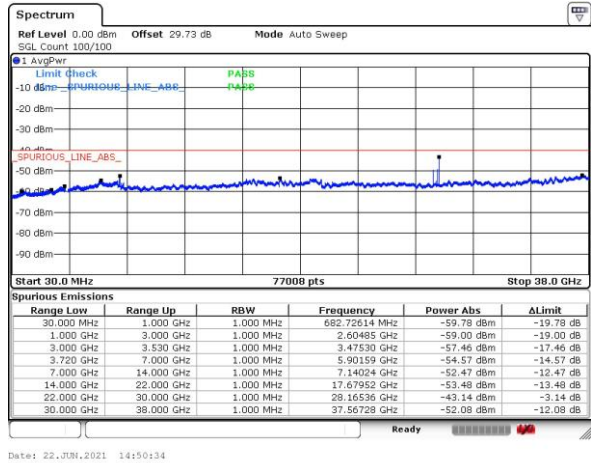
Date: 22 JUN 2021 14:38:23



40MHz (Low Channel) +20MHz (High Channel)



40MHz (Low Channel) +40MHz (High Channel)





### Appendix B. Test Results of Radiated Test

#### <Single Carrier>

3555MHz / 10MHz Low Channel									
Mode	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)
10MHz Low Channel	7110	-48.45	-40	-8.45	-52.79	-58.54	1.15	11.24	H
	10665	-53.96	-40	-13.96	-61.4	-63.36	1.39	10.79	H
	14220	-52.85	-40	-12.85	-60.41	-62.81	1.52	11.48	H
	7110	-44.54	-40	-4.54	-49.57	-54.60	1.15	11.21	V
	10665	-54.23	-40	-14.23	-61.56	-63.68	1.39	10.84	V
	14220	-52.10	-40	-12.10	-60.45	-62.19	1.52	11.61	V

3560MHz / 20MHz Low Channel									
Mode	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)
20MHz Low Channel	7120	-48.72	-40	-8.72	-53.1	-58.80	1.15	11.22	H
	10680	-54.29	-40	-14.29	-61.74	-63.68	1.39	10.78	H
	14240	-53.81	-40	-13.81	-61.35	-63.77	1.52	11.48	H
	7120	-43.42	-40	-3.42	-48.55	-53.46	1.15	11.18	V
	10680	-54.30	-40	-14.30	-61.64	-63.76	1.39	10.85	V
	14240	-52.89	-40	-12.89	-61.29	-62.96	1.52	11.59	V



3565MHz / 30MHz Low Channel									
Mode	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)
30MHz Low Channel	7130	-49.39	-40	-9.39	-53.81	-59.45	1.14	11.20	H
	10695	-53.44	-40	-13.44	-60.9	-62.82	1.38	10.77	H
	14260	-53.64	-40	-13.64	-61.15	-63.56	1.52	11.44	H
	7130	-43.33	-40	-3.33	-48.55	-53.34	1.14	11.15	V
	10695	-53.91	-40	-13.91	-61.27	-63.38	1.38	10.86	V
	14260	-52.50	-40	-12.50	-60.94	-62.52	1.52	11.54	V

3570MHz / 40MHz Low Channel									
Mode	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)
40MHz Low Channel	7140	-49.48	-40	-9.48	-53.95	-59.52	1.14	11.18	H
	10710	-54.04	-40	-14.04	-61.51	-63.42	1.38	10.76	H
	14280	-54.27	-40	-14.27	-61.75	-64.13	1.52	11.38	H
	7140	-43.33	-40	-3.33	-48.66	-53.31	1.14	11.12	V
	10710	-54.38	-40	-14.38	-61.75	-63.85	1.38	10.85	V
	14280	-51.87	-40	-11.87	-60.36	-61.82	1.52	11.47	V



3625MHz / 10MHz Middle Channel									
Mode	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)
10M Middle Channel	7250	-48.30	-40	-8.30	-53.24	-58.22	1.18	11.10	H
	10875	-55.10	-40	-15.10	-62.63	-64.26	1.37	10.53	H
	14500	-42.60	-40	-2.60	-49.83	-52.15	1.55	11.09	H
	7250	-45.84	-40	-5.84	-51.71	-55.96	1.18	11.29	V
	10875	-54.54	-40	-14.54	-62.04	-63.76	1.37	10.59	V
	14500	-42.22	-40	-2.22	-51.21	-51.84	1.55	11.17	V

3625MHz / 20MHz Middle Channel									
Mode	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)
20M Middle Channel	7250	-48.42	-40	-8.42	-53.36	-58.34	1.18	11.10	H
	10875	-53.51	-40	-13.51	-61.04	-62.67	1.37	10.53	H
	14500	-43.57	-40	-3.57	-50.8	-53.12	1.55	11.09	H
	7250	-46.14	-40	-6.14	-52.01	-56.26	1.18	11.29	V
	10875	-52.96	-40	-12.96	-60.46	-62.18	1.37	10.59	V
	14500	-42.21	-40	-2.21	-51.2	-51.83	1.55	11.17	V



3625MHz / 30MHz Middle Channel									
Mode	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)
30M Middle Channel	7250	-48.42	-40	-8.42	-53.36	-58.34	1.18	11.10	H
	10875	-54.30	-40	-14.30	-61.83	-63.46	1.37	10.53	H
	14500	-43.34	-40	-3.34	-50.57	-52.89	1.55	11.09	H
	7250	-46.10	-40	-6.10	-51.97	-56.22	1.18	11.29	V
	10875	-53.72	-40	-13.72	-61.22	-62.94	1.37	10.59	V
	14500	-41.39	-40	-1.39	-50.38	-51.01	1.55	11.17	V

3625MHz / 40MHz Middle Channel									
Mode	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)
40M Middle Channel	7250	-47.54	-40	-7.54	-52.48	-57.46	1.18	11.10	H
	10875	-54.07	-40	-14.07	-61.6	-63.23	1.37	10.53	H
	14500	-43.48	-40	-3.48	-50.71	-53.03	1.55	11.09	H
	7250	-45.67	-40	-5.67	-51.54	-55.79	1.18	11.29	V
	10875	-51.72	-40	-11.72	-59.22	-60.94	1.37	10.59	V
	14500	-42.49	-40	-2.49	-51.48	-52.11	1.55	11.17	V



3695MHz / 10MHz High Channel									
Mode	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)
10M High Channel	7390	-48.08	-40	-8.08	-53.7	-57.80	1.29	11.01	H
	11085	-48.77	-40	-8.77	-56.44	-58.15	1.40	10.79	H
	14780	-44.06	-40	-4.06	-52.18	-53.81	1.62	11.38	H
	7390	-46.42	-40	-6.42	-52.39	-56.13	1.29	11.00	V
	11085	-48.62	-40	-8.62	-56.38	-58.05	1.40	10.83	V
	14780	-43.32	-40	-3.32	-53.57	-53.01	1.62	11.31	V

3690MHz / 20MHz High Channel									
Mode	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)
20M High Channel	7380	-50.19	-40	-10.19	-55.78	-59.92	1.28	11.02	H
	11070	-54.05	-40	-14.05	-61.7	-63.39	1.40	10.74	H
	14760	-53.43	-40	-13.43	-61.49	-63.11	1.62	11.30	H
	7380	-41.17	-40	-1.17	-47.14	-50.87	1.28	10.98	V
	11070	-53.92	-40	-13.92	-61.65	-63.29	1.40	10.76	V
	14760	-50.65	-40	-10.65	-60.79	-60.28	1.62	11.25	V



3685MHz / 30MHz High Channel									
Mode	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)
30M High Channel	7370	-51.79	-40	-11.79	-57.33	-61.54	1.28	11.02	H
	11055	-53.36	-40	-13.36	-60.99	-62.66	1.39	10.69	H
	14740	-54.42	-40	-14.42	-62.41	-64.05	1.61	11.24	H
	7370	-46.23	-40	-6.23	-52.17	-55.92	1.28	10.96	V
	11055	-53.70	-40	-13.70	-61.4	-63.01	1.39	10.69	V
	14740	-51.59	-40	-11.59	-61.69	-61.18	1.61	11.20	V

3680MHz / 40MHz High Channel									
Mode	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)
40M High Channel	7360	-53.80	-40	-13.80	-59.34	-63.56	1.27	11.03	H
	11040	-54.12	-40	-14.12	-61.74	-63.40	1.38	10.66	H
	14720	-54.15	-40	-14.15	-62.09	-63.74	1.61	11.20	H
	7360	-45.82	-40	-5.82	-51.76	-55.50	1.27	10.94	V
	11040	-54.00	-40	-14.00	-61.68	-63.26	1.38	10.64	V
	14720	-52.13	-40	-12.13	-62.11	-61.70	1.61	11.17	V





<Multi Carrier (Contiguous)>

3560MHz + 3580MHz / 20MHz + 20MHz Low Channel									
Mode	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)
20MHz + 20MHz Low Channel	7120	-47.76	-40	-7.76	-52.13	-57.84	1.15	11.22	H
	7160	-45.33	-40	-5.33	-49.86	-55.33	1.14	11.14	H
	10680	-51.58	-40	-11.58	-59.02	-60.97	1.39	10.78	H
	10740	-51.97	-40	-11.97	-59.44	-61.34	1.38	10.76	H
	14240	-49.78	-40	-9.78	-57.32	-59.74	1.52	11.48	H
	14320	-51.39	-40	-11.39	-58.83	-61.17	1.53	11.31	H
	7120	-43.34	-40	-3.34	-48.46	-53.38	1.15	11.18	V
	7160	-41.91	-40	-1.91	-47.38	-51.88	1.14	11.11	V
	10680	-52.70	-40	-12.70	-60.03	-62.16	1.39	10.85	V
	10740	-52.38	-40	-12.38	-59.77	-61.84	1.38	10.84	V
	14240	-49.74	-40	-9.74	-58.14	-59.81	1.52	11.59	V
	14320	-49.54	-40	-9.54	-58.12	-59.34	1.53	11.33	V



3560MHz+ 3590MHz / 20MHz+40MHz Low Channel									
Mode	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)
20MHz + 40MHz Low Channel	7120	-46.82	-40	-6.82	-51.2	-56.90	1.15	11.22	H
	7180	-46.88	-40	-6.88	-51.53	-56.85	1.14	11.11	H
	10680	-52.65	-40	-12.65	-60.09	-62.04	1.39	10.78	H
	10770	-52.27	-40	-12.27	-59.75	-61.62	1.38	10.73	H
	14240	-52.73	-40	-12.73	-60.27	-62.69	1.52	11.48	H
	14360	-53.60	-40	-13.60	-61	-63.34	1.53	11.27	H
	7120	-41.47	-40	-1.47	-46.6	-51.51	1.15	11.18	V
	7180	-40.36	-40	-0.36	-46.08	-50.38	1.14	11.15	V
	10680	-52.31	-40	-12.31	-59.65	-61.77	1.39	10.85	V
	10770	-53.23	-40	-13.23	-60.64	-62.65	1.38	10.80	V
	14240	-52.19	-40	-12.19	-60.59	-62.26	1.52	11.59	V
	14360	-51.60	-40	-11.60	-60.27	-61.30	1.53	11.23	V

3570MHz + 3600MHz / 40MHz+20MHz Low Channel									
Mode	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)
40MHz + 20MHz Low Channel	7140	-46.99	-40	-6.99	-51.46	-57.03	1.14	11.18	H
	7200	-46.11	-40	-6.11	-50.8	-56.06	1.14	11.08	H
	10710	-52.17	-40	-12.17	-59.63	-61.55	1.38	10.76	H
	10800	-53.48	-40	-13.48	-60.97	-62.79	1.38	10.69	H
	14280	-51.58	-40	-11.58	-59.07	-61.44	1.52	11.38	H
	14400	-53.12	-40	-13.12	-60.47	-62.81	1.54	11.23	H
	7140	-42.18	-40	-2.18	-47.51	-52.16	1.14	11.12	V
	7200	-41.62	-40	-1.62	-47.43	-51.68	1.14	11.19	V
	10710	-52.17	-40	-12.17	-59.54	-61.64	1.38	10.85	V
	10800	-52.46	-40	-12.46	-59.9	-61.82	1.38	10.74	V
	14280	-50.24	-40	-10.24	-58.72	-60.19	1.52	11.47	V
	14400	-51.15	-40	-11.15	-59.92	-60.84	1.54	11.23	V



3570MHz + 3610MHz / 40MHz+40MHz Low Channel									
Mode	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)
40MHz + 40MHz Low Channel	7140	-41.09	-40	-1.09	-45.55	-51.13	1.14	11.18	H
	7220	-41.06	-40	-1.06	-45.85	-51.00	1.15	11.09	H
	10710	-52.75	-40	-12.75	-60.22	-62.13	1.38	10.76	H
	10830	-52.72	-40	-12.72	-60.22	-61.98	1.37	10.64	H
	14280	-51.80	-40	-11.80	-59.29	-61.66	1.52	11.38	H
	14440	-51.77	-40	-11.77	-59.08	-61.41	1.54	11.18	H
	7140	-45.95	-40	-5.95	-51.25	-55.93	1.14	11.12	V
	7220	-46.79	-40	-6.79	-52.63	-56.87	1.15	11.23	V
	10710	-52.50	-40	-12.50	-59.87	-61.97	1.38	10.85	V
	10830	-52.11	-40	-12.11	-59.57	-61.41	1.37	10.67	V
	14280	-51.33	-40	-11.33	-59.81	-61.28	1.52	11.47	V
	14440	-51.11	-40	-11.11	-59.97	-60.81	1.54	11.24	V



3615MHz + 3635MHz / 20MHz+20MHz Middle Channel									
Mode	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)
20MHz + 20MHz Middle Channel	7230	-49.94	-40	-9.94	-54.79	-59.87	1.16	11.09	H
	7270	-52.29	-40	-12.29	-57.36	-62.18	1.19	11.08	H
	10845	-54.25	-40	-14.25	-61.76	-63.49	1.37	10.61	H
	10905	-53.80	-40	-13.80	-61.34	-62.89	1.37	10.46	H
	14460	-54.20	-40	-14.20	-61.47	-63.81	1.54	11.15	H
	14540	-54.31	-40	-14.31	-61.67	-63.92	1.56	11.16	H
	7230	-44.48	-40	-4.48	-50.33	-54.57	1.16	11.25	V
	7270	-45.72	-40	-5.72	-51.61	-55.72	1.19	11.20	V
	10845	-54.41	-40	-14.41	-61.89	-63.68	1.37	10.64	V
	10905	-54.20	-40	-14.20	-61.73	-63.38	1.37	10.54	V
	14460	-52.25	-40	-12.25	-61.15	-61.94	1.54	11.23	V
	14540	-52.75	-40	-12.75	-61.93	-62.35	1.56	11.16	V



3605MHz + 3635MHz / 20MHz+40MHz Middle Channel										
Mode	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)	
20MHz + 40MHz Middle Channel	7210	-45.68	-40	-5.68	-50.42	-55.62	1.14	11.08	H	
	7270	-49.42	-40	-9.42	-54.49	-59.31	1.19	11.08	H	
	10815	-52.79	-40	-12.79	-60.29	-62.08	1.37	10.66	H	
	10905	-52.17	-40	-12.17	-59.71	-61.26	1.37	10.46	H	
	14420	-52.43	-40	-12.43	-59.76	-62.10	1.54	11.20	H	
	14540	-53.53	-40	-13.53	-60.89	-63.14	1.56	11.16	H	
	7210	-41.15	-40	-1.15	-47	-51.22	1.14	11.21	V	
	7270	-43.58	-40	-3.58	-49.47	-53.58	1.19	11.20	V	
	10815	-53.11	-40	-13.11	-60.56	-62.44	1.37	10.70	V	
	10905	-53.00	-40	-13.00	-60.53	-62.18	1.37	10.54	V	
	14420	-51.25	-40	-11.25	-60.07	-60.95	1.54	11.23	V	
	14540	-49.83	-40	-9.83	-59.03	-59.43	1.56	11.16	V	

3615MHz + 3645MHz / 40MHz+20MHz Middle Channel										
Mode	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)	
40MHz + 20MHz Middle Channel	7230	-47.67	-40	-7.67	-52.52	-57.60	1.16	11.09	H	
	7290	-51.59	-40	-11.59	-56.81	-61.45	1.21	11.07	H	
	10845	-54.51	-40	-14.51	-62.03	-63.75	1.37	10.61	H	
	10935	-53.29	-40	-13.29	-60.84	-62.36	1.37	10.44	H	
	14460	-52.43	-40	-12.43	-59.7	-62.04	1.54	11.15	H	
	14580	-53.03	-40	-13.03	-60.55	-62.59	1.57	11.13	H	
	7230	-42.95	-40	-2.95	-48.8	-53.04	1.16	11.25	V	
	7290	-42.56	-40	-2.56	-48.47	-52.45	1.21	11.10	V	
	10845	-54.21	-40	-14.21	-61.69	-63.48	1.37	10.64	V	
	10935	-53.61	-40	-13.61	-61.16	-62.74	1.37	10.50	V	
	14460	-51.03	-40	-11.03	-59.96	-60.72	1.54	11.23	V	
	14580	-50.33	-40	-10.33	-59.68	-59.89	1.57	11.13	V	



3605MHz + 3645MHz/ 40MHz+40MHz Middle Channel									
Mode	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)
40MHz + 40MHz Middle Channel	7210	-47.26	-40	-7.26	-52	-57.20	1.14	11.08	H
	7290	-52.36	-40	-12.36	-57.53	-62.22	1.21	11.07	H
	10815	-54.22	-40	-14.22	-61.72	-63.51	1.37	10.66	H
	10935	-53.77	-40	-13.77	-61.32	-62.84	1.37	10.44	H
	14420	-53.62	-40	-13.62	-60.95	-63.29	1.54	11.20	H
	14580	-54.31	-40	-14.31	-61.79	-63.87	1.57	11.13	H
	7210	-43.90	-40	-3.90	-49.74	-53.97	1.14	11.21	V
	7290	-45.76	-40	-5.76	-51.67	-55.65	1.21	11.10	V
	10815	-53.60	-40	-13.60	-61.04	-62.93	1.37	10.70	V
	10935	-53.74	-40	-13.74	-61.29	-62.87	1.37	10.50	V
	14420	-50.64	-40	-10.64	-59.46	-60.34	1.54	11.23	V
	14580	-51.29	-40	-11.29	-60.64	-60.85	1.57	11.13	V



3670MHz + 3690MHz / 20MHz+20MHz High Channel									
Mode	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)
20MHz + 20MHz High Channel	7340	-50.52	-40	-10.52	-55.9	-60.31	1.25	11.04	H
	7380	-51.31	-40	-11.31	-56.9	-61.04	1.28	11.02	H
	11010	-53.71	-40	-13.71	-61.3	-62.94	1.37	10.60	H
	11070	-53.80	-40	-13.80	-61.45	-63.14	1.40	10.74	H
	14680	-53.21	-40	-13.21	-61.02	-62.71	1.60	11.10	H
	14760	-54.00	-40	-14.00	-62.04	-63.68	1.62	11.30	H
	7340	-44.16	-40	-4.16	-50.09	-53.86	1.25	10.95	V
	7380	-45.78	-40	-5.78	-51.74	-55.48	1.28	10.98	V
	11010	-54.20	-40	-14.20	-61.84	-63.40	1.37	10.56	V
	11070	-53.49	-40	-13.49	-61.22	-62.86	1.40	10.76	V
	14680	-52.21	-40	-12.21	-62.02	-61.74	1.60	11.12	V
	14760	-50.67	-40	-10.67	-60.84	-60.30	1.62	11.25	V



3650MHz+ 3680MHz / 20MHz+40MHz High Channel										
Mode	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)	
20MHz + 40MHz High Channel	7300	-50.14	-40	-10.14	-55.36	-59.98	1.22	11.06	H	
	7360	-54.90	-40	-14.90	-60.38	-64.66	1.27	11.03	H	
	10950	-52.89	-40	-12.89	-60.45	-61.95	1.36	10.43	H	
	11040	-51.99	-40	-11.99	-59.61	-61.27	1.38	10.66	H	
	14600	-53.38	-40	-13.38	-60.92	-62.91	1.57	11.10	H	
	14720	-52.80	-40	-12.80	-60.73	-62.39	1.61	11.20	H	
	7300	-42.28	-40	-2.28	-48.18	-52.11	1.22	11.05	V	
	7360	-44.32	-40	-4.32	-50.26	-54.00	1.27	10.94	V	
	10950	-53.26	-40	-13.26	-60.82	-62.37	1.36	10.48	V	
	11040	-52.46	-40	-12.46	-60.14	-61.72	1.38	10.64	V	
	14600	-51.24	-40	-11.24	-60.68	-60.78	1.57	11.11	V	
	14720	-50.94	-40	-10.94	-60.93	-60.51	1.61	11.17	V	

3660MHz + 3690MHz / 40MHz+20MHz High Channel										
Mode	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)	
40MHz + 20MHz High Channel	7320	-49.12	-40	-9.12	-54.39	-58.94	1.23	11.05	H	
	7380	-49.71	-40	-9.71	-55.28	-59.44	1.28	11.02	H	
	10980	-49.19	-40	-9.19	-56.75	-58.35	1.36	10.52	H	
	11070	-48.95	-40	-8.95	-56.6	-58.29	1.40	10.74	H	
	14640	-47.81	-40	-7.81	-55.48	-57.25	1.58	11.02	H	
	14760	-45.13	-40	-5.13	-53.19	-54.81	1.62	11.30	H	
	7320	-42.76	-40	-2.76	-48.67	-52.52	1.23	11.00	V	
	7380	-43.39	-40	-3.39	-49.35	-53.09	1.28	10.98	V	
	10980	-49.07	-40	-9.07	-56.65	-58.22	1.36	10.51	V	
	11070	-48.84	-40	-8.84	-56.57	-58.21	1.40	10.76	V	
	14640	-44.69	-40	-4.69	-54.31	-54.20	1.58	11.09	V	
	14760	-42.49	-40	-2.49	-52.66	-52.12	1.62	11.25	V	





3640MHz + 3680MHz / 40MHz+40MHz High Channel									
Mode	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)
40MHz + 40MHz High Channel	7280	-50.70	-40	-10.70	-55.79	-60.58	1.20	11.08	H
	7360	-49.43	-40	-9.43	-54.9	-59.19	1.27	11.03	H
	10920	-53.97	-40	-13.97	-61.51	-63.05	1.37	10.45	H
	11040	-53.23	-40	-13.23	-60.85	-62.51	1.38	10.66	H
	14560	-53.62	-40	-13.62	-61.04	-63.22	1.56	11.16	H
	14720	-52.16	-40	-12.16	-60.09	-61.75	1.61	11.20	H
	7280	-44.91	-40	-4.91	-50.8	-54.86	1.20	11.15	V
	7360	-41.42	-40	-1.42	-47.36	-51.10	1.27	10.94	V
	10920	-53.43	-40	-13.43	-60.96	-62.59	1.37	10.52	V
	11040	-53.32	-40	-13.32	-61	-62.58	1.38	10.64	V
	14560	-50.36	-40	-10.36	-59.62	-59.94	1.56	11.15	V
	14720	-51.69	-40	-11.69	-61.67	-61.26	1.61	11.17	V



<Multi Carrier (Non-Contiguous)>

3560MHz + 3690MHz / 20MHz(Low Channel )+20MHz (High Channel)									
Mode	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)
20MHz (Low Channel ) + 20MHz (High Channel)	7120	-45.80	-40	-5.80	-50.17	-55.88	1.15	11.22	H
	7380	-51.67	-40	-11.67	-57.24	-61.40	1.28	11.02	H
	10680	-52.25	-40	-12.25	-59.69	-61.64	1.39	10.78	H
	11070	-51.41	-40	-11.41	-59.06	-60.75	1.40	10.74	H
	14240	-45.06	-40	-5.06	-52.6	-55.02	1.52	11.48	H
	14760	-47.01	-40	-7.01	-55.07	-56.69	1.62	11.30	H
	7120	-40.11	-40	-0.11	-45.23	-50.15	1.15	11.18	V
	7380	-46.96	-40	-6.96	-52.92	-56.66	1.28	10.98	V
	10680	-52.18	-40	-12.18	-59.51	-61.64	1.39	10.85	V
	11070	-51.50	-40	-11.50	-59.23	-60.87	1.40	10.76	V
	14240	-43.94	-40	-3.94	-52.34	-54.01	1.52	11.59	V
	14760	-44.39	-40	-4.39	-54.56	-54.02	1.62	11.25	V



3560MHz + 3680MHz / 20MHz(Low Channel )+40MHz (High Channel)										
Mode	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)	
20MHz (Low Channel ) + 40MHz (High Channel)	7120	-48.32	-40	-8.32	-52.69	-58.40	1.15	11.22	H	
	7360	-52.26	-40	-12.26	-57.73	-62.02	1.27	11.03	H	
	10680	-50.33	-40	-10.33	-57.77	-59.72	1.39	10.78	H	
	11040	-52.46	-40	-12.46	-60.08	-61.74	1.38	10.66	H	
	14240	-48.96	-40	-8.96	-56.5	-58.92	1.52	11.48	H	
	14720	-50.24	-40	-10.24	-58.17	-59.83	1.61	11.20	H	
	7120	-42.64	-40	-2.64	-47.76	-52.68	1.15	11.18	V	
	7360	-47.33	-40	-7.33	-53.27	-57.01	1.27	10.94	V	
	10680	-52.24	-40	-12.24	-59.57	-61.70	1.39	10.85	V	
	11040	-52.38	-40	-12.38	-60.06	-61.64	1.38	10.64	V	
	14240	-48.90	-40	-8.90	-57.3	-58.97	1.52	11.59	V	
	14720	-48.34	-40	-8.34	-58.32	-57.91	1.61	11.17	V	

3570MHz+ 3690MHz/ 40MHz(Low Channel )+20MHz (High Channel)										
Mode	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)	
40MHz (Low Channel ) + 20MHz (High Channel)	7140	-45.84	-40	-5.84	-50.3	-55.88	1.14	11.18	H	
	7380	-50.37	-40	-10.37	-55.94	-60.10	1.28	11.02	H	
	10710	-51.56	-40	-11.56	-59.03	-60.94	1.38	10.76	H	
	11070	-52.25	-40	-12.25	-59.9	-61.59	1.40	10.74	H	
	14280	-48.18	-40	-8.18	-55.67	-58.04	1.52	11.38	H	
	14760	-51.32	-40	-11.32	-59.38	-61.00	1.62	11.30	H	
	7140	-42.41	-40	-2.41	-47.71	-52.39	1.14	11.12	V	
	7380	-49.74	-40	-9.74	-55.7	-59.44	1.28	10.98	V	
	10710	-51.43	-40	-11.43	-58.8	-60.90	1.38	10.85	V	
	11070	-51.85	-40	-11.85	-59.58	-61.22	1.40	10.76	V	
	14280	-50.30	-40	-10.30	-58.78	-60.25	1.52	11.47	V	
	14760	-49.27	-40	-9.27	-59.44	-58.90	1.62	11.25	V	



3570MHz + 3680MHz/ 40MHz(Low Channel )+40MHz (High Channel)									
Mode	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)
40MHz (Low Channel) + 40MHz (High Channel)	7140	-46.54	-40	-6.54	-51	-56.58	1.14	11.18	H
	7360	-51.62	-40	-11.62	-57.09	-61.38	1.27	11.03	H
	10710	-52.08	-40	-12.08	-59.55	-61.46	1.38	10.76	H
	11040	-52.63	-40	-12.63	-60.25	-61.91	1.38	10.66	H
	14280	-49.99	-40	-9.99	-57.48	-59.85	1.52	11.38	H
	14720	-50.06	-40	-10.06	-57.99	-59.65	1.61	11.20	H
	7140	-42.96	-40	-2.96	-48.26	-52.94	1.14	11.12	V
	7360	-49.79	-40	-9.79	-55.73	-59.47	1.27	10.94	V
	10710	-52.64	-40	-12.64	-60.01	-62.11	1.38	10.85	V
	11040	-52.93	-40	-12.93	-60.61	-62.19	1.38	10.64	V
	14280	-49.18	-40	-9.18	-57.66	-59.13	1.52	11.47	V
	14720	-48.02	-40	-8.02	-58	-57.59	1.61	11.17	V